DOCUMENT RESUME

ED 094 668 HE 005 792

TITLE	Fourth Annual Report to the Governor and the Legislature: Utah State Board of Higher Education 1972-73.
INSTITUTION	Utah State Board of Higher Education, Salt Lake City.
PUB DATE	Nov 73
NOTE	175p.
EDRS PRICE	MF-$0.75 HC-$7.80 PLUS POSTAGE
DESCRIPTORS	Annual Reports; *Curriculum Planning; *Educational Facilities; *Educational Finance; *Educational Planning; *Higher Education
IDENTIFIERS	*Utah

ABSTRACT

This document is the fourth annual report to the Governor and the Legislature by the Utah State Board of Higher Education for the 1972-73 year. Following the commissioner's report, emphasis is placed on events of the year, academic affairs, budgets and finance, planning and capital facilities, and profiles of member institutions. The section on academic affairs reviews the role and curricular studies, in particular studies in progress, role assignments, proposed programs approved, programs disapproved or discontinued, changes in academic program, changes in system, veterans' approval program, cooperation with the Western Interstate Commission on Higher Education, statewide educational television, and degrees conferred. (MJM)

ED 094668

BEST COPY AVAILABLE

Fourth Annual Report to the Governor and the Legislature Utah State Board of Higher Education 1972-73

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION
THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY.

HE 005 792

Published by the
Office of the Commissioner of Higher Education
UTAH STATE BOARD OF HIGHER EDUCATION
136 East South Temple Street, Suite 1201
Salt Lake City, Utah 84111
November 1973

BEST COPY AVAILABLE

Preface

This report is submitted in fulfillment of the State Board of Higher Education's statutory obligation to report annually to the Governor and Legislature of the State of Utah.

It does not replace, substitute for, nor duplicate the necessary financial and other reports regularly issued by each member institution of the Utah System of Higher Education. Such documents, together with catalogs and other information, are available from the offices of the various college and university presidents.

Appreciation is acknowledged to B. Jackson Wixom, Jr., especially, and to all members of the staff for their assistance to him, in compiling and editing the detailed information contained in this report.

G. Homer Durham
Commissioner of Higher Education

Foreword

BEST COPY AVAILABLE

This report is the fourth of its kind prepared pursuant to the provisions of Section 23 of the Higher Education Act of 1969. It is also the fourth and final report covering my tenure as chairman of the State Board of Higher Education, my service being limited to two terms by the bylaws of the Board. I have been both proud and privileged to have served higher education in Utah for the past eight years, four as chairman of the Coordinating Council of Higher Education and four as the first chairman of the State Board of Higher Education — proud because the formulation of a master plan for higher education by the Coordinating Council gave impetus to the enactment of the Higher Education Act of 1969, and privileged to have played an active role in the establishment of a system of higher education for my native state pursuant to the directives of that Act.

Series of Stages

The initial four years of the Board's activities have been highlighted by a series of stages. First came the appointment of a commissioner, G. Homer Durham, then president of Arizona State University and for many years associated with higher education in Utah; and the creation and building of a capable staff to administer the affairs of the state system. Next the Board turned to its own organization, establishing standing committees to concentrate on its various tasks in the governance of the system and enacting bylaws spelling out the duties and responsibilities of the Board, its staff, its committees, the institutional presidents and institutional councils. The relationship between the Board and the institutions it governs and the role of the institutional councils created by the 1969 Act have been the subject of continuing study, review and revision as experience in the management of the system has given further insights into the problems of higher education and their resolution.

The Board next turned to carrying out its mandate as spelled out in Section 2 of the 1969 Act. This has been a continuing task involving assignment of roles for each institution in the system, a comprehensive study of areas of potential duplication within the system, and development of a systemwide analysis of new programs and the need for new or improved facilities.

Another continuing task has been the preparation and presentation of annual budgets and appropriation requests on a systemwide basis, bearing in mind the need for a more efficient and economical system of high quality public higher education, the ever changing numbers and needs of the students the system is designed to educate and the constant increase in the cost of supplies and services resulting from the pressures of the nationwide inflationary trends.

Special Problems

The Board also has dealt with such special problems as campus speaker policy, maintenance of campus discipline, tenure, faculty workload and responsibilities, expansion of vocational and technical educational programs, the responsible development and administration of research programs at our two universities, expansion of programs to aid minority and other disadvantaged students, assistance in financing student loans, the inauguration of internal audit procedures for the entire system, and a study of the special problems of the smaller schools located in the sparsely populated areas of the state.

New Presidents Appointed

In addition the Board has been privileged to appoint four new presidents — Dean M. McDonald at the College of Eastern Utah, Joseph L. Bishop at Weber State College, and Alfred C. Emery and David P. Gardner at the University of Utah. The appointment of presidents and the fixing of their salaries by the Board is a vital element in the effective administration of a centralized system. To that end the Board plans in the current year to conduct an orderly review of the performance of all institutional presidents who have served for five years or more and to continue such reviews on a periodic basis.

Ecumenical Approach

All has not been sweetness and light in these first four years. Old ways of doing things and fixed viewpoints are not changed overnight. The Board itself early developed an ecumenical approach, and while its members come from all parts of the state, each has viewed the problems and their resolution on a systemwide basis rather than from the more parochial aspect of his particular region or interest. While each institution should and does espouse its particular interest and role, a cooperative statewide system spirit has continued to develop among the presidents and their administrators. It is hoped that a similar response to the problems of higher education in this state will be reflected among the members of the legislature and the public at large.

Acute Problem

A more acute problem is the relationship between the State Board of Higher Education and the State Board of Education. A portion of the problem has been resolved by the decision of the Supreme Court upholding the validity of the 1969 Act. Another aspect can be resolved by the adoption of a more distinctive name for the State Board of Higher Education, such as "Utah Board of Regents." Other aspects are the subject of a study by the Legislative Council Higher Education Subcommittee on governance. Two items of primary concern are the responsibility for governance of the two

technical colleges and a clear delineation between what is higher education and what is not, particularly in the career education field. The Board believes that the technical colleges can best function as part of the higher education system and the latter problem can be resolved by the simple test of whether post secondary level credit is granted by the institution or sought by the student.

Statewide System Necessary

I entered upon my responsibilities as chairman of the State Board of Higher Education a firm believer in a statewide system of higher education for Utah. The past four years' experience has confirmed that view. I feel confident that the performance of the State Board of Higher Education in its inaugural period fully justifies the preservation of that system, with only such modifications as our experience of the past four years and in the years to come may dictate.

I commend to the Governor, the Legislature and the citizens of our state the concept, the system we have created, and the new leadership the Board has selected.

Respectfully submitted,

PETER W. BILLINGS
Chairman, State Board of Higher Education 1969–73
September 6, 1973

Members, Utah State Board of Higher Education

Established 1969

	Terms Expire
***Donald B. Holbrook, Chairman, Salt Lake City	1977
George C. Hatch, Vice-chairman, Salt Lake City	1977
Peter W. Billings, Salt Lake City	1975
Warren H. Bulloch, Cedar City	1977
**D. Omer Buttars, Ogden	1979
Ira A. Huggins, Ogden	1977
Richard J. Maughan, Bountiful	1975
*Merrill J. Millet, Roosevelt	1973*
Thomas S. Monson, Salt Lake City	1975
Mrs. Jean Overfelt, Salt Lake City	1979
Luke G. Pappas, Price	1975
Charles E. Peterson, Provo	1979
Rex G. Plowman, Lewiston	1977
Roy W. Simmons, Kaysville	1975
H. Bruce Stucki, St. George	1979

G. Homer Durham
Commissioner of Higher Education and Chief Executive Officer

---

* Term expired June 30, 1973, but continues to serve until a successor is duly qualified.

** Appointed to begin service July 1, 1973, to replace Nathan C. Tanner.

*** Mr. Holbrook succeeded Peter W. Billings as chairman. However, he resigned from the Board, December 6, 1973 and J. Lynn Dougan was appointed to serve his unexpired term.

Utah Legislative Council Planning Committee on Higher Education

Established 1969

Senator Douglas G. Bischoff, Salt Lake City
Senator Reed Bullen, Logan
Senator Merrill Jenkins, Ogden, Vice-chairman
Senator Karl G. Swan, Tooele
Representative Charles E. Bennett, Salt Lake City
Representative Danniel S. Dennis, Roosevelt
Representative Ronald T. Halverson, Ogden, Chairman
Representative David C. Harvey, Pleasant Grove

Mr. Lewis H. Lloyd
Director, Legislative Council
326 Capitol Building, Salt Lake City, Utah 84114

Note: Senator Dixie Leavitt, Cedar City, and Senator W. Hughes Brockbank, Salt Lake City, also have been regular Planning Committee participants.

Member Institutions and Presidents, Utah System of Higher Education

(1973)

University of Utah (1850) Salt Lake City, 84112
*David P. Gardner, President

Utah State University Of Agriculture and Applied Science (1888)
Logan, 84321
Glen L. Taggart, President

Weber State College (1889) Ogden, 84403
Joseph L. Bishop, President

Southern Utah State College (1897) Cedar City, 84720
Royden C. Braithwaite, President

Snow College (1888) Ephraim, 84627
Floyd S. Holm, President

Dixie College (1911) St. George, 84770
Ferron C. Losee, President

College of Eastern Utah (1937) Price, 84501
Dean M. McDonald, President

Utah Technical College at Provo (1941) Provo, 84601
Wilson W. Sorensen, President

Utah Technical College at Salt Lake (1947) Salt Lake City, 84119
Jay L. Nelson, President

Office of the Commissioner
136 East South Temple St., Suite 1201, Salt Lake City, Utah 84111
G. Homer Durham, Commissioner of Higher Education

---

* Alfred C. Emery returned to duties as Professor of Law August 1, 1973, after two years as University of Utah president.

The Institutional Councils And Their Members

(1973–74)

UNIVERSITY OF UTAH
(Salt Lake City)

David P. Gardner, President
Joseph E. Bernolfo, Jr., Vice-chm.
Reed W. Brinton
Edward W. Clyde, Chairman
J. Lynn Dougan
Robert H. Hinckley, Jr.
Fullmer H. Latter
Calvin W. Rawlings
Mrs. Dorothy Watkiss
Harold Woolley

UTAH STATE UNIVERSITY
(Logan)

Glen L. Taggart, President
Jay R. Bingham
O. C. Hammond
J. D. Harris
L. Brent Hoggan
Beverly D. Kumpfer
Snell Olsen
W. B. Robins, Chairman
Alva Snow, Vice-chairman
Mrs. Jane Tibbals

SNOW COLLEGE
(Ephraim)

Floyd S. Holm, President
Angus Belliston, Chairman
Ralph Blackham
Roger Hansen
Ward Killpack
Arthur H. Nielsen, Vice-chairman
Mrs. LaRue Nielsen
John Richards
A. Theodore Tuttle
Mack Wilkey

WEBER STATE COLLEGE
(Ogden)

Joseph L. Bishop, President
Paul G. Bott
Joseph F. Breeze
Dale T. Browning, Vice-chairman
Frank Francis, Jr., Chairman
D. B. Green
Robert C. Heiner
Bruce Jenkins
Mrs. Patricia Oliver
Harold C. Steed

SOUTHERN UTAH STATE COLLEGE (Cedar City)

Royden C. Braithwaite, President
David L. Bigler
Mrs. Loretta Cline
Reed W. Farnsworth, Vice-chm.
Kumen S. Gardner, Chairman
Rex Harris
Elloyd T. Marchant
John F. Piercey
Jim R. Scarth
Robert R. Sonntag

COLLEGE OF EASTERN UTAH (Price)

Dean M. McDonald, President
Mrs. Bettina Black
Ray J. Bowen
John B. Gale
O. Eugene Johansen
Paul Keller
F. Bennion Redd
Orson B. Spencer, Chairman
Frederick G. Stoye, Vice-chairman
A. S. Veltri

DIXIE COLLEGE (St. George)

Ferron C. Losee, President
Rudger C. Atkin
Howard L. Blood
Mrs. Ruth R. Draper, Vice-chm.
James N. Kirkbell
H. Bernell Lewis
Neal Lundberg
Dr. A. W. McGregor
Wayne Whitehead, Chairman
Dr. Richard G. Whitehead

UTAH TECHNICAL COLLEGE AT PROVO*

Wilson W. Sorensen, President

UTAH TECHNICAL AT SALT LAKE*

Jay L. Nelson, President

---

* By law the Utah State Board for Vocational Education is the governing board for both Utah Technical Colleges. Its members include: Sheldon S. Allred, Jesse Anderson, Mrs. Lila Bjorklund, William W. Cannon, A. Glenn Christensen, Stephen L. Garret, Mrs. Esther R. Landa, Vice-chm., Reuben D. Law, E. Varian Mortenson, John L. Owen, Chairman, W. Robert Wright.

Utah State Board of Higher Education Committees and Members

EXECUTIVE

Donald B. Holbrook, Chairman
George C. Hatch, Vice-chmn.
Peter W. Billings
Charles E. Peterson
H. Bruce Stucki

BUDGET AND FINANCE

Roy W. Simmons, Chairman
H. Bruce Stucki, Vice-chairman
Peter W. Billings
D. Omer Buttars
Merrill J. Millett
Thomas S. Monson
Rex G. Plowman

CAPITAL FACILITIES

Richard J. Maughan, Chairman
Charles E. Peterson, Vice-chmn.
Warren H. Bulloch
D. Omer Buttars
Ira A. Huggins
Merrill J. Millett
Rex G. Plowman
Roy W. Simmons
H. Bruce Stucki

CURRICULUM, ROLES AND VOCATIONAL-TECHNICAL TRAINING

Mrs. Jean Overfelt, Chairman
Peter W. Billings, Vice-chairman
D. Omer Buttars
Richard J. Maughan
Thomas S. Monson
Luke G. Pappas

SPECIAL COMMITTEES

FACULTY WORKLOAD AND TENURE

Richard J. Maughan, Chairman
Peter W. Billings, Vice-chairman
D. Omer Buttars
Merrill J. Millett
Thomas S. Monson
Mrs. Jean Overfelt
H. Bruce Stucki

LEGISLATION AND LITIGATION

Ira A. Huggins, Chairman
Peter W. Billings
Luke G. Pappas
Charles E. Peterson

GOVERNANCE

Luke G. Pappas, Chairman
Warren H. Bulloch, Vice-chmn.
Peter W. Billings
D. Omer Buttars
Rex G. Plowman
Roy W. Simmons

COMMUNITY COLLEGES

Merrill J. Millett, Chairman
Warren H. Bulloch
Mrs. Jean Overfelt
Luke G. Pappas

LONG-RANGE PLANNING, INSTITUTIONAL AND BOARD RELATIONS

Rex G. Plowman, Chairman
Peter W. Billings, Vice-chairman
Ira A. Huggins
Thomas S. Monson
Charles E. Peterson
H. Bruce Stucki

The State Board of Higher Education

(From Left) Seated: Mrs. Jean Overfelt; G. Homer Durham, Commissioner and Chief Executive Officer; George C. Hatch, Chairman; Charles E. Peterson, Vice-chairman; Peter W. Billings; Standing: Rex G. Plowman; Merrill J. Millett; H. Bruce Stucki; Luke G. Pappas; Ira A. Huggins; D. Omer Buttars; Thomas S. Monson; J. Lynn Dougan; Richard J. Maughan; Warren H. Bulloch; Roy W. Simmons.

Administrative Staff, Office of the Commissoner of Higher Education

136 East South Temple Street, Suite 1201
Salt Lake City, Utah 84111
Telephone (801) 328-5617

Commissioner of Higher Education and Chief Executive
Officer of the Board ..... G. Homer Durham, Ph.D.
Administrative Secretary ..... Mrs. Joyce B. Fox
Information Officer ..... B. Jackson Wixom, Jr., M.S.J.
Secretarial Assistant ..... Mrs. Janet Demman

Associate Commissioner and Director of
Academic Affairs ..... Leon R. McCarrey, Ed.D.
Secretary ..... Mrs. Lu Larson
Assistant Director of Academic Affairs .... Terry D. Alger, Ph.D.
Planning Analyst ..... Don A. Carpenter, Ph.D.
Research Assistant ..... Berniece Goebel
Coordinator of Veterans Affairs ..... Sterling R. Provost, Ed.D.
Director, Title I Programs and Coordinator
Statewide Television ..... T. M. Williams, Ph.D.

Associate Commissioner and Director of
Business Affairs ..... Myron R. Holbert, M.A.
Secretary ..... Mrs. Afton C. Greaves
Administrative Assistant ..... Helen Christensen
Assistant Director of Financial Studies
and Accounting Systems .... Derald V. Johnson, M.B.A., C.P.A.
Assistant Director for Institutional
Studies ..... Richard W. Jacobs, Ph.D.
Supervising Internal Examiner
and System Analyst ..... Mont G. Kenney, B.S., C.P.A.
Budget Analyst ..... W. Ralph Hardy, M.B.A.

Assistant Commissioner and Director of
Planning ..... Harden R. Eyring, J.D.
Secretary ..... Mrs. Maxine M. DeVitt

Table of Contents

Foreword iii

Members, Utah State Board of Higher Education vi

Utah Legislative Council Planning Committee on Higher Education vii

Member Institutions and Presidents, Utah System of Higher Education viii

Member Institutional Councils ix

Committees, State Board of Higher Education xi

Board Group Picture (December, 1973) xii

Administrative Staff, Office of the Commissioner of Higher Education xiii

Table of Contents xiv

I. Commissioner's Report 1

II. Events of the Year 9

II. Academic Affairs 19

Role and Curricular Studies

Studies in Progress 19

Role Assignments 21

Proposed Programs Approved 21

Programs Disapproved or Discontinued 22

Changes in Academic Program 23

Changes in System 24

Veterans Approval Program 25
Cooperation with WICHE 27
Statewide Educational Television 27
Degrees Conferred 29
Tables Index 31

IV. Budgets and Finance 85
Tables Index 91

V. Planning and Capital Facilities 101
Tables Index 106

VI. Profiles of Member Institutions 145

I. Commissioner's Report

BEST COPY AVAILABLE

The most notable event of 1972–73 was the decision of the Utah Supreme Court, handed down January 31, 1973, in the case of State Board of Education v. State Board of Higher Education.[1] In upholding the constitutionality of the Higher Education Act of 1969, 3 – 2, the Court appeared to affirm the authority of the State Legislature in providing for and maintaining separate governance of the State's universities and colleges.

The court below had held that the Act was unconstitutional and void in that it was in violation of the provisions of Article X, Sections 2 and 8.

Held Constitutional

Justice Tuckett, however, noting that while Section 8 states "the general control and supervision of the public school system shall be vested in a State Board of Education," and Section 2, which after dealing with the common schools states ". . . *an* agricultural college, *a* university, and such other schools as the Legistlature may establish," held that when the "whole of the instrument" (the Constitution) is construed together, *"it would appear that the Legislature being empowered to establish other schools would have the power to provide for their governance."* Justice Tuckett, in this same vein, noted the provisions of Article X, Section 4, dealing specifically with the University of Utah and the Agricultural College. Citing previous decisions of the Court,[2] he stated:

> "The effect of these decisions was to hold that the section of the Constitution above set forth confirmed the location and establishment of these institutions but that they remained subject to the control of the Legislature."

Justice Ellett Concurred

Justice Ellett, concurring in the result, stated that he preferred *"to limit the holding to say that insofar as the statute in question transfers to the State Board of Higher Education all of the powers heretofore vested by statute in the Board of Regents of the various schools of higher education, it is constitutional. The authority of the various Boards of Regents was given by statute and, of course, that authority can by statute be taken away from them and given to another board, without conflicting with any constitutional provision."*

Justice Ellett also observed that the State Board of Education, as set up by Article X, Sections 2 and 8, is still vested with the

---

[1] Utah 505 P. 2d 1193 (1973). Italics mine.

[2] Spence v. Utah Agricultural College, 119 Utah 104; University of Utah v. Board of Examiners, 4 Utah 2d 408.

Justice Crockett Cites History

general control and supervision of the public school system, and that the court could decide conflict of authority should it arise, "but we do not now need to decide matters which may never arise."

Justice Crockett, concurring, stated he refused "to hold the Act unconstitutional . . . when no actual conflict has arisen, and indeed when it would seem there is not necessarily any justifiable apprehension that there will be." Justic Crockett, favoring the prescription of constitutionality "unless . . . there is irreconcilable conflict between the enactment and a superior constitutional mandate," observed "that the duties and prerogatives now given to the Board of Higher Education have in fact been carried out otherwise than by the State Board of Education for many years by the governing boards of the state's colleges and universities." It was his opinion "that the Board of Higher Education can function as provided in the 1969 Act, without there arising any conflict with the State Board of Education, notwithstanding an awareness of the constitutional provision of Article X, Section 8, that 'the general control and supervision of the public school system shall be vested in a State Board of Education the members of which shall be elected as provided by law.' "

Two Justices Dissented

Justice Henriod, with Chief Justice Callister concurring, dissented, stating in part (and not using the word "general," italicized and emphasized by Justice Ellett) that " 'control and supervision' should remain where it constitutionally is imparted, and that such control and supervision should be superior to the Higher Education Board, and that the latter, if the Legislature wants to perpetuate it, should and must do it by a legislative enactment that specifically relates such superiority and subserviency."

While dissenting, arguing for the superiority of the State Board of Education, and arguing further that four of five justices appeared to recognize such superiority, it is yet interesting to observe that Justice Henriod refrained from explicitly stating that the Higher Education Act of 1969 was unconstitutional. Rather, he appeared to suggest that the majority grounds for upholding the Act were weak, without adequate foundation, and that if the Legislature wanted such a board it should draft its statutory language so as to recognize the language of the Constitution, and the "superiority" of the Board of Education.

Governance of the State Universities

Under the Utah Constitution, a careful distinction must be drawn between the constitutional status of the two state universities

and the seven state colleges. The two universities have constitutional status. The seven state colleges are creatures of the Legislature.

Article X, Section 4, of the Utah Constitution perpetuates to the two universities "all the rights, immunities, franchises and endowments heretofore granted or conferred"; i.e., granted to the University of Utah from its establishment February 28, 1850, until the Constitution was adopted (November 5, 1895). Grants or conferments to the Logan institution run from its establishment, March 8, 1887, to statehood.

The State Supreme Court has held that each university is subject to the general laws of the State. Notwithstanding, the following rights appear to have constitutional confirmation, with any legislation subject thereto:

1. The *location* of the University of Utah in Salt Lake City, and of Utah State University in Logan.

2. The *establishment* of each as a body corporate and politic.

In the case of the University of Utah, the Act of 1850 incorporated the University and established "the Chancellor and Board of Regents" as "a body corporate," to act as Trustee of the University, "to transact, or cause to be transacted, all business needful to the prosperity of the University in advancing all useful and fine arts and sciences; to select and procure lands; erect and purchase buildings; solicit donations send agents abroad; receive subscriptions; purchase books, maps, charts, and all apparatus necessary for the most liberal endowment of any library, and scientific institution; employ professors and teachers; make bylaws; establish branches of the University throughout the State; and do all other things that fathers and guardians of the institution ought to do."

By virtue of Section 4 of the Higher Education Act of 1969, the present State Board of Higher Education is the current successor to the "Chancellor and Board of Regents" as the governing authority of the University of Utah and, by the same statute, the governing authority of the seven state colleges and Utah State University.

The Utah Legislature (see U.C.A. 53-2-12) early enacted the language of Article X, Section 8, declaring: "The general control and supervision of the public school system is vested in the state board of education." To this was added authority "to adopt rules and regulations to eliminate and prevent all unnecessary duplication of work in the public school system and shall require the governing boards of all branches and divisions of the public school system to put the same into operation."

The State Board of Education has never been designated, by statute nor constitutional provision, as the governing authority of the University of Utah. Moreover, U.C.A. 53-2-12 is silent respecting specific mention of University governance. But Article X, Section 2, of the Constitution includes "a university" in the public schools system, also "an agricultural college."

The Constitution does *not* specifically include in Section 2 the words, *"the* University of Utah" (although in 1895 the institution bore that name). The language is merely *"a* university" — *not* even "the" university. The indefinite article, "an," also precedes the inclusion in the "public schools system" of *"an* agricultural college."

On the other hand, Section 4, Article X, makes specific mention of *"the* University of Utah" and *"the* Agricultural College" in confirming their (1) location, (2) establishment and (3) "rights, immunities, franchises and endowments heretofore granted."

Accordingly, the University of Utah and "the Agricultural College" enjoy specified status under Section 4, but are not so specified in "the public schools system" language of Article X, Section 2 or of subsequent statutes, although the framers could have made such specification.

Article X, Section 8, says, "The general control and supervision of the Public School System[1] shall be vested in a State Board of Education. . . ." Thus Section 8 uses the singular, Public *School* System, whereas section 2 uses the plural "public *schools* system."

It would appear that if the Legislature does not specifically include the University of Utah and the Agricultural College in "the Public School System," (singular, Section 8), the Board of Education would lack *legislative* authority, at least, to exercise "general control and supervision" over those two institutions, despite the language in Section 8 of the Constitution.

From this it could be concluded that *unless the Legislature* provides statutory authority over the seven, legislative state colleges and the two universities, the State Board of Education is left with the Section 8 clause which says: "The general control and supervision of the Public School System *shall be* vested in a State Board of Education. . . ."

---

[1] "Public *School* System" is capitalized in the current printing of Article X, Section 8, where as in Section 2, "public *schools* system" is not. (U.C.A., 1953, vol. 1:282, 285).

The phrase is not "*is* vested" nor "is hereby vested." Rather, the language implies the obligation, "*shall be vested*," which obligation lies with the State Legislature.

In view of Article X, Section 1, it would seem that such "*vesting*" is dependent on the discretion of the Legislature, and, if vested generally, admission to any schools included should be "open to all children of the state." For, says Article X, Section 1:

"The Legislature shall provide for the ESTABLISHMENT and MAINTENANCE of a uniform system of PUBLIC SCHOOLS, which shall be open to all children of the state. . . ."

The Legislature currently *vests* government of the two Technical Colleges in the State Board for *Vocational* Education. Formerly it has vested, at one time or another, the government of Weber, Dixie, Snow, CEU, in the State Board of Education.

Reference to the Legislative Council
by Governor Rampton, March 14, 1973

The foregoing discussion relates to the interesting issue which remained following the Supreme Court decision of January 31, 1973.

On March 14, 1973, Governor Calvin L. Rampton wrote the Legislative Council, observing the possibility that "if the matter were properly raised, the majority of the . . . court would uphold a function in the governance of higher education by the State Board of Education." He further expressed the view "that the determination of the respective powers and duties of the two boards within the Constitution should not be determined by a unilateral declaration . . . by either, or even by an agreed statement . . . between the two boards. This is a matter which should have legislative attention as promptly as is practicable. . . ." Hence the Governor recommended that the Council's Planning Committee on Higher Education create a special subcommittee to include the eight legislative members, three members of each board, and the State Planning Coordinator.

The Legislative Council promptly responded, and as the 1972–73 fiscal year ended, the joint study committee was launched under the chairmanship of Representative Ronald T. Halverson of Weber County, with Senator Karl G. Swan of Tooele County as vice chairman, Senator Douglas G. Bischoff (Salt Lake), Senator Reed Bullen (Cache), Senator Merrill Jenkins (Weber), Representative Charles E. Bennett (Salt Lake), Representative Danniel S. Dennis (Duchesne), and Representative David C. Harvey (Utah). Repre-

senting the State Board of Education were its chairman and vice chairman, Dr. John L. Owen and Mrs. Esther R. Landa, and Dr. Reuben D. Law. The three from the Board of Higher Education were chairman-elect Donald B. Holbrook, Peter W. Billings and Charles E. Peterson.

Dr. William P. Miller, president emeritus of Weber State College and a former Deputy Superintendent of Public Instruction, was named study director, together with Mr. Lewis H. Lloyd, director of the Legislative Council.

Change of Name of the Board

At the meeting of the group, June 12, 1973, suggestion was made that to help clarify the situation, to avoid the public confusion created by constant reference to the governing authority of the state's universities and colleges as "the higher board," that it be re-named the State Board of Regents. This historic designation, dating to the statute of February 28, 1850 and the very beginnings of Utah higher education, is widely used in other states. As the year ended, signs were hopeful that the System of Higher Education, declared constitutional, could continue under an appropriate new designation, and that the State Legistlature would continue to perform its role of determining the nature, character, and governance of the state universities and colleges as well as "the public schools system," harmonious with the State Constitution. Much awaits to be done. A new name for its governing board, will be a great blessing to the System of Higher Education. Thereby, the Legislature can further contribute to defining the proper constitutional relationships of the universities, the colleges, and "the public schools system."

As fiscal 1972–73 came to a close, therefore, the Utah State Legislature appeared to be in position to clarify and determine the position the state's universities and colleges occupy with respect to all the provisions of the state constitution, including the Board of Education's role in the "general control and supervision of the Public School System."

G. Homer Durham
Commissioner of Higher Education
November 15, 1973

II. Events of the Year

Litigation contesting the State Board of Higher Education's constitutionality injected an atmosphere of urgency into the fourth year of operations of the Utah System of Higher Education. On June 30, 1972 Judge Gordon R. Hall, Utah Third District Court, issued a memorandum decision, upholding a contention of the State Board of Education and declaring the Higher Education Act of 1969 null and void. The Board immediately appealed. Between that time and late January, much of the time and direction of the Board and the office of its chief executive officer were focused on an appeal to the Utah Supreme Court.

Despite the burden of the District Court decision, the Board of Higher Education entered into and completed some of its most significant tasks. The following chronology includes a number of these significant developments:

July 17, 1972

The Utah Third District Court issued its formal judgment on Judge Hall's decision.

The Board met in Cedar City with members of the Utah Legislative Council. Peter W. Billings, chairman of the Board sought direction from the council, following the news of the Third District Court decision. The legislative leaders responded that they supported the concept of a system of higher education with a statewide governing board separate from elementary and secondary education. The present dual system, they said, is basically sound, and they would like to see it continue.

July 18, 1972

The Board approved two resolutions pertaining to the issuance of $1,145,000 in Utah Technical College Salt Lake Student Union Building Bonds, Series 1972.

The Board approved the following resolution concerning the baccalaureate degree:

> RESOLVED, that all state institutions of higher education experiment with and encourage innovative off-campus work study, on-the-job training, individual guided study programs, all offering appropriate academic credit acceptable toward bachelor degree requirements. Such programs can contribute both toward better career training and more efficient use of campus facilities.

The Board adopted a schedule of capital facilities priorities for transmission to the Utah State Building Board, as the recommendation of the State Board of Higher Education for joint consideration

and consultation in the preparation by the Building Board of its recommendations to the Governor and the 1973 Legislature.

September 26, 1972

The Board approved the planning program for the Orem campus of Utah Technical College at Provo, with buildings to be erected as funds are available in keeping with the Master Plan (Phase I) and recommendations of the Curriculum and Roles Committee.

Received the report of its Special Committee on Governance, referring it to the standing committtees of the Board to consider means and whether to implement its recommendations.

October 16, 1972

A series of administrative hearings began in the Office of the Commissioner to review 1973–74 budget requests and needs of the institutions of higher education.

The State Board of Higher Education held a breakfast retreat to discuss career education in the Utah System of Higher Education. Some of the concerns raised in the meeting became target studies for the year. The area vocational centers fall outside the purview of the State Board of Higher Education, although they are authorized to offer post-high school credit. Members of the Board saw the danger of additional expensive higher education institutions growing out of the centers without regard to the statewide higher education plan. A concensus of those present favored placing the post-high school credits of the area centers under Board jurisdiction to prevent possible uncontrolled growth.

October 19, 1972

The Office of the Commissioner made public release of an analysis of physical plant costs, a *151* page report detailing costs for operating the physical facilities of the state's nine public campuses. Members of the 1971 Utah Legislature requested a comprehensive study when apprised of the variance in physical plant costs reported by each of the institutions in their budget presentations. The study showed the necessity for many such differences.

October 24, 1972

The Board of Higher Education adopted a resolution placing firm support behind the research programs of the University of Utah and Utah State University. The Board recognized that university research programs, carried out under agreement with various governmental agencies and other sponsors, are of vital importance not only to the universities but to the Utah economy.

Authorized Weber State College to apply to the State Building Board for appointment of an architect, for the purpose of initial planning of an "assembly center" at Weber State College.

November 1, 1972 The Office of the Commissioner completed its round of institutional budget conferences which carried the Commissioner, and members of his staff to every campus in the Utah System of Higher Education.

November 3, 1972 Fall term enrollment reports showed a slight decrease, statewide, in student enrollment at the state's colleges and universities. The two Technical Colleges, however, showed increased enrollments.

November 7, 1972 The State Board of Higher Education met as a Budget and Finance Committee of the whole board to discuss revisions in the Board's Overhead Reimbursement Policy and an extended-day system combining day and night classes in a single schedule.

November 10, 1972 Dr. Joseph L. Bishop was inaugurated as the seventh president of Weber State College. President Terry Sanford, Duke University, was the invited guest speaker.

November 13, 1972 Oral arguments were heard before the Utah Supreme Court in the *State Board of Education vs. State Board of Higher Education* appeal of the Third District Court Decision rendered July 17.

November 20-21, 1972 The State Board of Higher Education held hearings with each institution on their proposed budgets for 1973–74.

November 28, 1972 The State Board of Higher Education recommended to the Governor and the 1973 Legislature a total systemwide budget for the fiscal year 1973–74 of $109,895,193 of which $68,325,913 was requested to be appropriated from the State General fund.

Approved policy statements concerning the overhead reimbursement policy adopted on November 23, 1971.

Authorized a study of engineering programs in the institutions of the Utah System of Higher Education and authorized hiring two consultants for such purpose.

December 4, 1972 The Budget and Finance Committee met in executive session with personnel from Utah State University to review the Utah State University investment policy.

December 8, 1972 The Office of the Commissioner released *Career by Choice*, a 36-page guide to career training programs at Utah's public and private post-high school institutions.

December 19, 1972 The State Board of Higher Education authorized the Office of the Commissioner to ask for bids and to purchase liability insurance for members of the Board, staff, institutional councils, presidents, and other administrative officers, as authorized by Opinion No. 72-045 of the Attorney General, dated October 19, 1972.

Authorized the Curriculum and Roles Committee to re-examine the teacher education quota policy adopted April 25, 1972, at its discretion or at the request of an authorized institutional representative, and/or to have it debated before the full Board.

Requested the deans and vice-presidents of the various teacher colleges to work with the Office of the Commissioner in determining the effect of the teacher education role assignments on the various colleges of education.

Recommended to the State Building Board that the initial phase of the Orem campus, Utah Technical College at Provo, be planned on the basis of 2,600 F.T.E. students and that the space for all functions be designed on the expandable basis. Also, that the Orem campus be handled as a special item from funds that may be available and not inserted in the priority list of capital facilities projects.

Adopted the report of the Governance committee.

December 19, 1972 The Board reviewed in Budget and Finance Committee of the whole executive session, the Utah State University investment situation. Commissioner G. Homer Durham was instructed to write a letter to Chairman W. B. Robins, Utah State University Institutional Council.

December 21, 1972 Commissioner's letter was written advising Utah State University on behalf of the Board, "to immediately reverse its investment policy and take any public funds out of securities other than those specifically ordered by statute, and to dispose of their portfolio in a prudent and orderly fashion in order to comply with the Attorney General's opinion." The Attorney General's Opinion was issued December 15, 1972.

January 4, 1973 Commissioner G. Homer Durham met with Utah Governor Calvin L. Rampton regarding the possible constitution and organization of

a Utah agency to be designated as the agency for coordinating the receipt of federal funds under Title 1202 of the 1972 Federal Higher Education Act.

January 12, 1973 The Commissioner of Higher Education made the initial presentation of the 1973–74 Board of Higher Education budget recommendations before the Higher Education Subcommittee of the Joint Appropriations Committee of the 1973 Utah Legislature.

January 16, through March 1973 The Commissioner, together with members of the Board, began defending their request for $68.3 million statewide higher education appropriation. The legislature eventually appropriated $66.4 million. In addition, $9.0 million also was appropriated to meet construction and other capital improvement needs at the institutions. The bulk of the construction funds were to go toward financing alterations, repairs and improvements on existing facilities.

January 31, 1973 On a 3-2 split decision, the Utah Supreme Court overturned the Third District Court and found the Utah Higher Education Act of 1969 constitutional.

February 6, 1973 Members of the Board of Higher Education Executive Committee met with President Glen L. Taggart, Utah State University, to review the investment situation at his institution.

February 23, 1973 The Board approved the activities of the Institutional Committee on Computer Services taken in conformance with the "Statement of Recommendations, Planning Studies and Cooperative Activities" contained in the December 19, 1972 Committee's report.

Authorized release of a draft "Academic Freedom, Professional Responsibility, and Tenure" report, to be distributed among interested people, including the Higher Education Sub-committee of the Joint Appropriations Committee of the Legislature, institutional faculties, institutional councils, with a cover letter specifically stating that it is preliminary, had not been adopted by the State Board of Higher Education, and institutions should respond to it.

February 27, 1973 In response to several inquiries from alumni, adopted a resolution stating "That on April 25, 1972, the Utah State Board of Higher Education adopted a recommendation that commencing with the academic year 1973–74, the University of Utah would discontinue the certifying of teachers in home economics education, and that this

would be assigned as an exclusive role to Utah State University; that members of the State Board of Higher Education have consistently supported the development of a strong, viable program in home economics at the University of Utah, and have at no time, by act or deed, suggested or implied that this most important area should in any way be de-emphasized." Further action was deferred until the University makes a report.

Outlined systemwide guidelines for investments after which institutional investment policies should be patterned.

March 19, 1973 Budget and Finance Committee of the Board heard a report on Utah State University investment picture from President Glen L. Taggart as submitted to the USU Institutional Council.

March 27, 1973 The State Board of Higher Education affirmed its policy that Budget and Finance Committee meetings be scheduled with notice to every Board member. If, when meeting, there are sufficient members to convene as a committee of the whole, the Board should do so and vote accordingly.

Ratified the action of the polling of the Board to secure "wrongful acts" public liability insurance coverage.

Heard report from President Glen L. Taggart, Utah State University, on the status of the investment situation at his institution, as reported informally to the Board's Executive Committee and earlier to the U.S.U. Institutional Council.,

Considered procedure and possible guidelines for preparing 1974–75 institutional budgets.

Heard presentation from the Office of the Commissioner regarding the overall space available at Utah institutions in comparison with comparable institutions throughout the United States. A discussion ensued with respect to the effect of space utilization and forecast enrollment decreases and their effects on the Utah System of Higher Education.

April 12, 1973 Commissioner G. Homer Durham met with representatives from the Utah Education Association's two-year college association on salary considerations affecting their institutions, explaining the role of institutional councils.

April 13, 1973 The Board's Budget and Finance Committee met in Zion's First National Bank Board Room as Committee of the Whole to discuss

draft documents respecting internal audit procedures and systemwide investment policies.

April 23, 1973

The Board conducted a public hearing at the University of Utah pursuant to the proposed merger of the University of Utah's Colleges of Mines and Mineral Industries and Engineering.

Met with Dixie Institutional Council pursuant to a lawsuit initiated by James H. L. Lawler.

April 24, 1973

The Board appointed Dr. David P. Gardner, vice president, the University of California, to serve as President of the University of Utah, effective August 1, 1973.

Adopted an investment policy reiterating the 1970 delegation of full investment responsibility, in compliance with general principles of the policy, to the institutional councils.

Approved recommendations and changes in the Reimbursed Overhead Policy as suggested in the annual report for the fiscal year ended June 30, 1972.

Adopted in principle an internal administrative audit program, with the understanding that the Office of the Commissioner and each of the nine institutions will work out procedures and details of the program for ratification by the May Board meeting.

Adopted a policy with regard to the use of each member institution as an official information center for the Utah System of Higher Education. The continuing education centers in Roosevelt and Moab maintained by Utah State University were included in the designation.

Discussed three areas of concern with regard to the quota system in teacher education: (1) in-service teachers who re-certify, (2) allowances for education students who were in the "pipeline," and (3) allowances for areas having shortages or special demands in teacher education. The Board agreed that (1) in-service teachers who re-certify are *not* to be counted within the quota, (2) interim plans, to be submitted by the institution to implement the quota, should take into account students in the "pipeline," details concerning this matter to be worked out through the Office of the Commissioner and appropriate institutional personnel; and (3) adjustments to the proposed quotas in areas of shortage or special needs, if such exist, should be developed through the Office of the Commissioner.

Voted to reconsider teacher education quotas in June, 1974, thus giving the System a chance to put the quotas into effect for one year.

Directed that the proposed merger of the University of Utah Colleges of Mines and Mineral Industries and Engineering not be effectuated.

May 8, 1973 Representatives from the State Board of Higher Education and the State Board of Education met with the Legislative Council's Planning Committee and the State Planning Director. They were asked by Governor Calvin L. Rampton to begin study of the relationship between the State Board of Education and the State Board of Higher Education with respect to the "general control and supervision" provision in the State Constitution. The relationship appeared to some to be left unclear by the Supreme Court decision which upheld the constitutionality of the Board of Higher Education.

May 22, 1973 The Board of Higher Education approved procedures for an internal account examination program, adopted in principle April 24, 1973.

Approved work programs for 1973–74 operations for the Utah System of Higher Education totalling $93.5 million, of which $66.4 million was appropriated by the State Legislature.

Approved an ad hoc advisory committee recommendation for transferability of certain credits from Stevens Henager and LDS Business Colleges to institutions in the Utah System of Higher Education.

Assigned priority ranking to construction projects approved for planning by the 1973 Legistlature as follows:

1. Dixie College Central Chilled Water Plant and Utility Tunnels.
2. College of Eastern Utah Career Center.
3. Snow College Physical Education Building.
4. Dixie College Vocational Building Phase II.
5. Utah State University Fine Arts Center Phase II.

May 25, 1973 The Office of the Commissioner, together with representatives from the State Building Board staff, began touring each System campus, as the first step in evaluating capital facilities requests for 1974–75 Legislative appropriation.

June 12, 1973 Commissioner G. Homer Durham presented to the Governor's special governance study committee his interpretation of what he saw as possible areas of difference between the State Board of Higher Education and the State Board of Education, strongly recommending a name that avoids confusion with the Board of Education. State

Superintendent of Public Instruction, Walter D. Talbot, presented the views of the State Board of Education. The Board was represented at the meeting by Peter W. Billings and Charles E. Peterson.

June 21, 1973 The Utah Senate confirmed the reappointment of Charles E. Peterson, H. Bruce Stucki and Mrs. Jean Overfelt to serve on the Board of Higher Education until June 30, 1979. D. Omer Buttars, Ogden, was appointed by Governor Rampton to replace Nathan C. Tanner. Merrill J. Millet continues to serve until a successor is duly qualified.

June 28, 1973 The State Board of Higher Education conducted a public hearing on the recommendations posed by its Engineering Ad Hoc Advisory Committee. Reaction to the proposed role assignments and changes were received from the affected institutions and interested parties in the engineering profession.

June 28, 1973 Institutional presidents in the Utah System of Higher Education adopted the following resolution:

> The presidents of the state's universities and colleges express their deep concern over the creation of area vocational centers as training for post-high school students. We believe that this activity duplicates the work of our community colleges and is one of the principal causes of the significant loss of enrollment in those colleges and the general increase in the cost of education per student in the State of Utah.
>
> We believe that the extensive development of this program under a separate administrative board tends to frustrate the concept of coordination of the state's post-high school education efforts and makes it impossible for the State Board of Higher Education to carry out the legislative mandate of minimizing duplication and making the state's higher education effort more effective and more efficient.

June 29, 1973 The State Board of Higher Education adopted a motion, in the interests of the institutions and the state, that the Board stand on its well-considered policy; that the institutions be allowed to retain 25 percent of reimbursed overhead for research and development; that the institutions be instructed to prepare their budget requests for 1974–75 on that basis; and that the Board and the Office of the Commissioner prepare to defend the policy before the Legislature.

Adopted a motion that students admitted and enrolled in an institution, who had an intent to obtain a teacher's certificate at the time the teacher quota system was imposed, April 25, 1972, could continue under the academic requirements then in existence.

III. Academic Affairs

The following report includes Board actions and studies now in progress in the Office of the Commissioner, regarding the role and program approval function assigned to the Board in its creating statute. Reports from Statewide Educational Television, Vocational-Technical Education, Western Interstate Compact on Higher Education, and Veterans Approval Programs also are included.

Staff services in academic affairs are assigned in the Office of the Commissioner to Dr. Leon R. McCarrey, associate commissioner and director of academic affairs.

Role and Curricular Studies

July 1, 1972 through June 30, 1973

Studies in Progress

1. In-depth analysis of programming in the area of professional engineering, engineering technology, and industrial technology with emphasis on the development of role assignments.
2. Master of Science degree in Materials Science and Engineering — University of Utah.[1, 2]
3. Industrial Technology Department — Utah State University.[1]
4. Associate and Bachelor's degree programs in Civil Engineering Technology — Weber State College.[1, 2]
5. Teaching major in Technical Electronics — Weber State College.[1, 2]
6. Associate degree in Environmental Control Technology — Utah Technical College/Provo.[1, 2]
7. Certificate and emphasis in Gerontology — University of Utah.[2]
8. Environmental Engineering Division — Utah State University.[1, 2]
9. Ph.D. in and Department of Computer Science — University of Utah.[1]
10. Doctor of Arts in Mathematics — Utah State University.
11. Master of Science in Industrial Psychology — Utah State University.[2]
12. Doctor of Arts in History and Political Science — Utah State University.[2]

---

[1] Included in Engineering study listed above; not to be consummated until in-depth study is complete.

[2] Awaiting further prioritization schedule or information from institutional representatives.

13. Master of Arts in Modern Language — Utah State University.[2]
14. Master of Arts in Latin American Studies — Utah State University.[2]
15. Certificate and Associate degree program in Building Trades — Weber State College.[1, 2]
16. Associate of Science degree in Medical Records Technology — Weber State College.[2]
17. Bachelor of Arts in Japanese — Weber State College.[2]
18. Department of, and Baccalaureate degree in Philosophy — Weber State College.[2]
19. Minor in Elementary School Physical Education — Weber State College.[2]
20. Planning of Cooperative Master's degree and recertification programs among four-year colleges (Weber, Southern Utah State College) and graduate level institutions (Utah State University, University of Utah).
21. Bachelor's degree major in Child Development — Southern Utah State College.[2]
22. Reading Minor — Southern Utah State College.[2]
23. Bachelor of Arts in Communications, Cinema and Technical Communications Emphasis — Southern Utah State College.[2]
24. Certificate of Completion-Applied Arts degree in Child Care — Snow College.[2]
25. Associate of Applied Science degree in Advertising and Graphic Technology — Utah Technical College/Provo.[2]
26. Certificate and Associate of Applied Science degrees in Home Economics — Utah Technical College/Provo.[2]
27. Certificate program in Flight Training — Utah Technical College/Provo.[2]
28. Certificate of Graduation in Major Applicance Repair — Utah Technical College/Salt Lake.[2]
29. Study of Vocational-Technical and/or Paraprofessional Training within the Utah System of Higher Education, private and proprietary institutions, area vocational centers, skills centers, and other agencies involved with post-secondary vocational education in cooperation with the State Board for Vocational Education.

Role Assignments

1. Police Science (restatement of role assignment) — Weber State College.
2. Corrections (restatement of role assignment) — University of Utah.
3. Doctoral and Master's degree programs in School Counseling — University of Utah (Exclusive).
4. Doctoral Program in School Psychology — University of Utah (Exclusive).
5. No institution is to develop an academic major in Asian Studies without Board approval.
6. Planning role for the preparation of training paraprofessional personnel in Social Work to the Graduate School of Social Work, University of Utah.

Proposed Programs Approved

1. Associate of Applied Science in Appliance Repair — Snow College.
2. Associate of Applied Science in Carpentry and Construction Technology — Snow College.
3. Master of Arts in Classics — University of Utah.
4. Bachelor's degree in Occupational Therapy — University of Utah.
5. Ph.D. degree in Experimental Pathology — University of Utah.
6. Bachelor's degree in Environmental Studies — Utah State University.
7. Teaching Minor in Industrial Arts — Southern Utah College.
8. Teaching Minor in Health — Southern Utah State College.
9. Minor in Asian Studies — Weber State College.
10. Coordinated Dietetic Program — Utah State University-Brigham Young University.
11. Associate of Applied Science degree and Certificate program in Distributive Education — General Merchandising — Dixie College.
12. Cooperative ROTC Program — Snow College and Utah State University.
13. Bachelor of Science degree in Agribusiness — Utah State University.

14. Cooperative ROTC Program — College of Eastern Utah and Utah State University.
15. Certificate of Graduation in Brick Masonry — Utah Technical College at Salt Lake.
16. Associate of Applied Science degree in Medical Technology — Weber State College.
17. Coperative ROTC Program — The University of Utah and Westminster College
18. Center for Human Toxicology — University of Utah.
19. Cooperative Dental Assisting Program — Weber State College and Hill Air Force Base.
20. Institute for Ethnic Studies — University of Utah.
21. International Feedstuffs Institute — Utah State University.
22. Rocky Mountain Gerontology Training Grant and Center — University of Utah (One-year; later extended for the second year).
23. Master's Degree in School Psychology — Utah State University.
24. International Sheep and Goat Institute — Utah State University.
25. WICHE Student Exchange Program in Law — University of Utah.
26. Early Childhood Education Major — Weber State College.
27. Department of Police Science — Weber State College.

Programs Disapproved or Discontinued

1. Associate of Applied Science degree in Medical Electronics Technology — Utah Technical College/Salt Lake (July, 1972).
2. Master of Arts, Master of Philosophy, Doctor of Philosophy degrees in Greek — University of Utah (July, 1972).
3. Master of Arts, Master of Philosophy, Doctor of Philosophy degrees in Latin — University of Utah (July, 1972).
4. Associate of Applied Science degree in Corrections — Weber State College (September, 1972).
5. Master of Science degree in Pathology — University of Utah (November, 1972).
6. Doctoral and Master's degree programs in School Counseling — Utah State University (May, 1973).

7. Doctoral program in School Psychology — Utah State University (May, 1973).
8. A.A.S. Degree Accounting (Intermediate) — Utah Technical College/Salt Lake [but approved continuation of business management - accounting option].
9. Master of Arts in Educational Administration — University of Utah.
10. Master of Science in Educational Administration — University of Utah.

Changes in Academic Program

1. Master of Education in Instructional Systems and Learning Resources, change of name of academic major — from Master of Education in Educational Media — University of Utah (September, 1972).
2. School of Allied Health Sciences, formerly designated the Area of Health Occupations — Weber State College (December, 1972).
3. Extension of Master of Science degree in College of Science to inservice secondary school teachers in the science area — University of Utah (February, 1973).
4. Department of Biology, consolidation of Departments of Bacteriology and Public Health, Zoology, and Botany — Utah State University (April, 1973).
5. Department of Communications, transfer Division of Journalism to Department of Speech and name change — Utah State University (April, 1973).
6. M. S. Health Education changed to M.S. in Health Science — University of Utah.
7. M.S. in Recreation changed to M.S. in Leisure Studies — University of Utah.
8. Ph.D., Ed.D., and M. Phil. in Health, Physical Education and Recreation changed to PhD., Ed.D., and M. Phil. in Health with a subdesignation of Health Science, Physical Education or Leisure Studies.
9. English and Theater Arts Composit Teaching Major — Weber State College.

Changes in System

1. Procedures relating to research and training grant proposals amended, and adopted by the Board.

2. Use of each member institution as an official information center for the Utah System of Higher Education.

3. In regard to the quota system in teacher education the Board agreed that: (1) in-service teachers who recertify are *not* to be counted within the quota; (2) interim plans, to be submitted by the institutions to implement the quota, should take into account student in the pipeline," details concerning this matter to be worked out through the Office of the Commissioner and appropriate institutional personnel; and (3) adjustments to the proposed quotas in areas of shortage or special needs, if such exist, should be developed through the Office of the Superintendent of Public Instruction and the Office of the Commissioner.

4. College of Engineering and College of Mines and Mineral Industries merger rescinded.

5. Elementary courses completed at Stevens Henager and LDS Business Colleges, in Elementary Accounting, Principles of Marketing, Principles of Management, Business Law Economics [In some Schools of Business, these disciplines are not a part of the regular curriculum. They are offered in other schools within the universities or college. Details of this problem with individual institutions within the System will be worked out in the Office of the Commissioner], and Typing and Shorthand are transferable to institutions in the Utah System of Higher Education. This is to be accomplished in the following manner:

   Upon completion of the three intermediate accounting courses and with an earned grade of "C" or better, an individual can receive credit for Elementary Accounting.

   Upon completion of advanced upper division courses in the Department of Marketing, such as retailing, advertising, etc., and with the completion of grade of "C" or better, a student can receive credit for Principles of Marketing.

   Upon completion of management courses, such as advanced management. and with the completion grade of "C" or better, credit would be earned for Principles of Management.

Completion of advanced business law courses with a "C" grade or better would permit credit for Elementary Business Law.

The option to take an examination would still be available for those students desiring it.

Plan to be implemented during Fall Quarter, 1973.

Veterans Approval Program, 1972-73

To enable persons who have served with the United States Armed Forces to further their education, Congress has authorized benefits to eligible veterans attending an approved school.

The Office of the Commissioner serves as the State Approving Agency under contract with the Veterans Administration.

During 1972–73, 85 Utah institutions currently were thus operating under Title 38, Chapters 34–36, United States Code. These include members of the Utah System of Higher Education, private college and university campuses, private two-year business colleges, secondary schools, medical-related training institutions, cosmetology and barber schools, and trade-technical schools. Offered are a variety of both academic and vocational-technical programs which provide a broad spectrum of education and training:

STATE UNIVERSITIES AND COLLEGES:
University of Utah, Salt Lake City
Utah State University, Logan
Weber State College, Ogden
Southern Utah State College, Cedar City
Snow College, Ephraim
Dixie College, St. George
College of Eastern Utah, Price
Utah Technical Colleges, Salt Lake and Provo

PRIVATE UNIVERSITIES AND COLLEGES:
Brigham Young University, Provo
Westminster College, Salt Lake

BUSINESS SCHOOLS:
L.D.S. Business College, Salt Lake
Stevens Henager College, Salt Lake and Ogden

MEDICAL AND RELATED TRAINING:
The Bryman School, Salt Lake
Holy Cross Hospital, Salt Lake
L.D.S. Hospital, Salt Lake
McKay-Dee Hospital Center, Ogden
Primary Children's Hospital, Salt Lake
S.L.C. College of Medical & Dental Assistants, Salt Lake
Shriner's Hospital, Salt Lake
St. Mark's Hospital, Salt Lake
University Medical Center & Hospital (University of Utah), Salt Lake
Utah Medex Project (University Medical Center), Salt Lake
Utah State Hospital, Provo
Utah Valley L.D.S. Hospital, Provo
Veterans Administration Hospital, Salt Lake

AVIATION SCHOOLS:

Airstream Western, Logan
Basin Flying Service, Vernal
Central Utah Aviation, Provo
Heber Valley Flying Service, Heber City
Intermountain Flight Center, Ogden
Interwest Aviation, Inc.
  Ogden
  Provo
  Salt Lake City
Thompson Flying Services, Salt Lake
TransWest Flight School, Salt Lake

TRADE AND TECHNICAL SCHOOLS

Ron Bailie School of Broadcasting, Salt Lake
Electronic Computer Programming Institute of Utah, Salt Lake
Kaiparowits Navajo Project, Mexican Hat
Sales Training, Inc., Salt Lake
Salt Lake Academy of Design, Salt Lake
Technical Engineering Institute, Salt Lake
Utah P.O.S.T. Academy, Salt Lake
Veterans In Community Services, Salt Lake
Western America Trade College, Ogden
Western Region Indian Alcoholism Training Center (University of Utah), Salt Lake

COSMETOLOGY AND BARBER SCHOOLS

Beau LaReine College of Beauty, Logan
Continental College of Beauty, Salt Lake
Hollywood College of Beauty
  Clearfield
  Kearns
  Layton
  Logan
  Murray
  Ogden
  Provo
  Salt Lake
International Institute of Hair Design, Bountiful and Salt Lake
Mary's College of Beauty, Provo
Ogden Barber College, Ogden
Ogden College of Beauty, Ogden
Painter's College of Beauty, Ogden and Roy
Robert Steur College of Beauty, Salt Lake
Utah Barber College, Salt Lake

ADULT PUBLIC SCHOOL PROGRAMS:

Alpine School District, American Fork
Box Elder School District, Brigham City
Bridgerland Area Vocational Center, Smithfield
Carbon County School District, Price
Davis County School District, Farmington
Duchesne School District, Duchesne
Grand County School District, Moab
Granite School District, Salt Lake
Iron County School District, Cedar City
Jordan School District, Sandy
Logan School District, Logan
Moab Area Vocational Center, Moab
Nebo County School District, Spanish Fork
Provo School District, Provo
Salt Lake City School District, Salt Lake
San Juan School District, Monticello
Sevier Valley School District, Richfield

Sevier Valley Tech, Richfield
Tooele School District, Tooele
Uintah Basin Area Vocational Center, Roosevelt
Washington County School District, St. George
Weber County School District, Ogden

Cooperation with WICHE, 1972-73

The Student Exchange Program administered through the Western Interstate Commission for Higher Education (WICHE) assists Utah students in obtaining professional training in dentistry and veterinary medicine. Utah receives students in medicine and physical therapy under the interstate compact. Students who are certified pay the same fees as if they were residents of the receiving state. Past appropriations have provided for five entering freshmen each year in veterinary medicine and dentistry. Continuing students receive the same assistance provided they maintain a satisfactory record.

In 1972-73 there were 17 Utah students in the veterinary medicine program, 18 in the dentistry program. A total of $88,800 was paid in compact fees for these students and $15,000 was paid as Utah's annual membership fee. The University received 37 medical students and 5 physical therapy students in 1972-73 with compact fees of $116,600 for medicine and $5,600 for physical therapy.

Statewide Educational Television

Further developments in connection with Utah's "single coordinated system of educational television" included the following:

1. Installation at KUED studios, plus satellite studio at Utah State University, of color cameras and associated equipment needed for production of local programs in full color makes KUED now comparable to other television stations in the area in picture quality.

2. Audience ratings and fan mail indicate increased viewing of KUED due to new capability to produce local programs in color, to gavel-to-gavel coverage through the Public Broadcasting Company network of the Watergate hearings and to broadcast of other events of state and national significance.

3. Ogden terminal of intercity TV microwave system to Weber State College, completed during the year, enables Weber State to become a full partner in the inter-institutional instructional television exchange program. Upon completion of on-campus distribution system currently being installed Weber State will be able to more

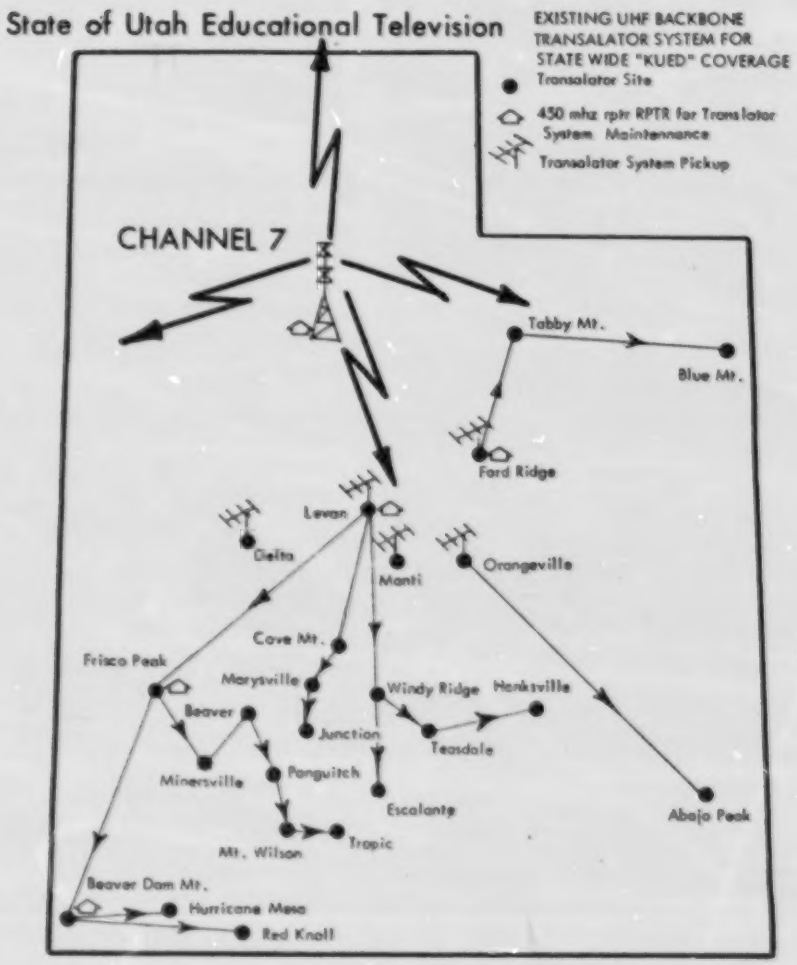
fully utilize instructional presentations introduced into the system from the origination center at University of Utah.

4. Implementation on the microwave system of a truly inter-institutional interdisciplinary course in general science, planned, developed and jointly utilized by the four schools of the system — University of Utah, Utah State University, Weber State College and Brigham Young University (through its own private system which can be tied-into the State's leased system). This course, Physics 100, *Science and Society*, features distinguished lecturers of international repute who can appear before television cameras at any one of the campuses and be seen and heard on a live basis at the other three. Lecturers are followed by panel discussions and question-and-answer periods, in which students and faculty members from each of the institutions can participate. Lectures and accompanying discussions are also released through KUED and the translator system for viewing by the public and students at other institutions in the State. (They are also viewed in five states through cable-TV systems carrying KUED programming.) Videotapes and study guides are made available through the University of Utah Division of Continuing Education to citizens and students throughout the state who desire to take the course on an independent study basis.

5. Favorable national acclaim received by KUED for its feed to the full Public Broadcasting Network of the Mormon Youth Symphony and Chorus Gershwin Concert in the Salt Lake Tabernacle. Program received enthusiastic reviews in the New York Times and other major publications from coast-to-coast and in Canada. Repeated on the network as a result of write-in requests from throughout the country.

6. Final arrangements complete for KUED to serve as "flagship" station for the Western Slope component of the Educational Technology Demonstration project to be conducted by the Federation of Rocky Mountain States. Project will utilize a new type of communication satellite to broadcast specially prepared television materials on career development direct from satellite to inexpensive ground-reception equipment in isolated rural communities in the eight Rocky Mountain States. Ground reception stations now being planned for six to eight locations in Utah. KUED will receive programs by direct transmission from satellite for broadcast to locales reached by the station, the statewide translator system and CATV systems serving adjoining states.

7. Plans completed for acquisition and installation at KUED's Oquirrh Mountain transmitter site of an auxiliary antenna. Antenna is needed as a standby unit in case the main antenna — now 16 years old, badly corroded and no longer operating efficiently — should burn-out. Will enable continued operation of KUED while main antenna is refurbished or replaced with a modern. more efficient unit.

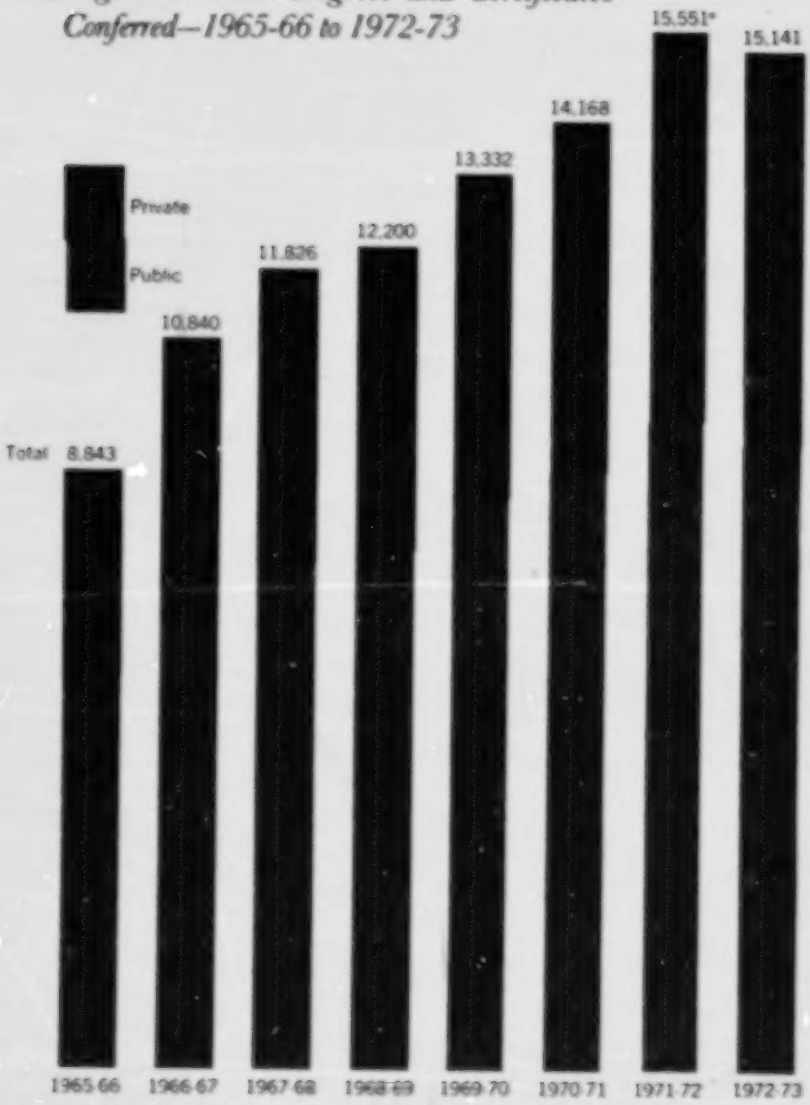


Degrees Conferred

Utah institutions reported 410 fewer degrees conferred during 1972–73 than during the previous year. State system institutions granted 9,287 degrees and certificates to students completing programs of at least one year's duration. The state's private institutions, Brigham Young University, Westminster College, Stevens-Henager College and LDS Business College awarded an additional 5,854 such degrees and certificates bringing the state total to 15,141. (See Figure 1.)

In addition, information collected for this report showed these same public and private institutions granted an additional 4,653 awards, recognizing programs of less than one year's duration. These short-course awards provide proficiency certification in a great number of employable skills. More detailed information follows in the appendiced tables:

Figure 1. Utah Degrees and Certificates Conferred—1965-66 to 1972-73



Degrees, Certificates and Other Formal Recognition Conferred, Public and Private Institutions, 1965-66 through 1972-73

*Source—HEGIS Report, 1965-66 to 1972-73

Tables

TABLE 1 Total Degrees Awarded, Public and Private Institutions, 1964-65 Through 1972-73, With Percentage Changes From Previous Years. p. 34

TABLE 2 Comparison of Degrees Conferred, 1964-65 to 1972-73, Utah Public and Private Institutions By Level of Degree and Area of Study. p. 36

TABLE 3 Bachelor Degrees Conferred, Utah Public and Private Institutions, 1963-64 Through 1972-73, By Institution. p. 37

TABLE 4 Bachelor Degrees Conferred, 1968-69 Through 1972-73 By Utah Public and Private Institutions and Area of Study. p. 38

TABLE 5 Total Bachelor's Degrees Awarded 1972-73 By Major Field of Study and Sex. p.40

TABLE 6 Total Yearly Bachelor Degrees Conferred, Utah Public and Private Institutions, 1963-64 Through 1972-73 By Area of Study. p. 42

TABLE 7 Total Bachelor's Degrees Awarded 1972-73 By Major Field of Study and Sex. p. 43

TABLE 8 Master's Degrees Conferred, Utah Public and Private Institutions, 1963-64 Through 1972-73, By Institution. p. 50

TABLE 9 Total Yearly Master's Degrees Conferred, Utah Public and Private Institutions, 1963-64 Through 1972-73, By Area of Study. p. 51

TABLE 10 Master's Degrees, Utah Public and Private Institutions, 1968-69 Through 1972-73, By Area of Study. p. 52

TABLE 11 Doctorates (Including J.D.s and M.D.s) Conferred, Utah Public and Private Institutions, 1963-64 Through 1972-73, By Institution. p. 54

TABLE 12 Total Yearly Doctorates Conferred, Utah Public and Private Institutions, 1963-64 Through 1972-73, By Area of Study. p. 55

TABLE 13 Doctorates Conferred, Utah Public and Private Institutions, 1968-69 Through 1972-73 By Area of Study. p. 56

TABLE 14 First Professional Degrees Conferred by Sex and Field of Study At The University of Utah* 1968-69 Through 1972-73. p. 59

TABLE 15 Master's and Doctor's Degrees Conferred 1972-73 By Sex of Student and General Area of Study. p. 59

TABLE 16 Total Master's and Doctor's Degrees Awarded 1972-73 By Major Field of Study and Sex. p. 60

TABLE 17 Degrees and Awards Based on Less Than Four Years of Work Beyond High School By Institution, 1972-73. p. 67

TABLE 18 Associate Degrees Conferred, Utah Public and Private Institutions, 1964-65 Through 1972-73, By Institution. p. 68

TABLE 19 Degrees and Awards Based on Less Than Four Years of Work Beyond High School – Curriculums of Two or More But Less Than Four Years – Work Wholly or Chiefly Creditable Toward a Bachelor's Degree, 1972-73. p. 69

TABLE 20 Degrees and Awards Based on Less Than Four Years of Work Beyond High School – Curriculums of Two or More But Less Than Four Years – Work Not Wholly or Chiefly Creditable Toward a Bachelor's Degree, 1972-73. p. 72

TABLE 21 Awards Based on Less Than Four Years of Work Beyond High School – Curriculums of At Least One Year, But Less Than Four Years, 1972-73. p. 76

TABLE 22 Formal Recognition for Short-Course Completions of Less Than One Year's Duration Public and Private Institutions 1972-73. p. 78

TABLE 23 Number of Teachers Recommended for Certification Classified by Level and Institution, 1962 Through 1972.

TABLE 24 Number of Elementary and Secondary Teachers Who Graduated from Colleges And Universities in Utah and Who Accepted Teaching Positions in Utah, 1970-71 and 1971-72.

TABLE 25 Number of Students Graduating from Utah Institutions of Higher Education In Elementary and Secondary Education and Percent Accepting Teaching Positions in Utah, 1957-58 Through 1971-72.

TABLE 1

Utah System of Higher Education

Total Degrees Awarded[a], Public and Private Institutions, 1964-65 Through 1972-73, With Percentage Changes From Previous Years

Level of Degree	1964-65 No.	1965-66 No.	1965-66 Percent Increase Over 1964-65	1966-67 No.	1966-67 Percent Increase Over 1965-66	1967-68 No.	1967-68 Percent Increase Over 1966-67	1968-69 No.	1968-69 Percent Increase Over 1967-68
Bachelor's Degrees									
Public Institutions	3,192	3,523	10.4	3,917	11.2	4,128	5.4	4,446	7.7
Private Institutions	2,204	2,459	11.6	2,947	19.8	3,346	13.5	3,611	7.9
Total	5,396	5,982	10.9	6,864	14.7	7,474	8.9	8,057	7.8
Master's Degrees									
Public Institutions	715	782	9.4	934	19.2	912	−1.3	1,096	20.2
Private Institutions	270	361	33.7	429	18.6	536	25.2	646	20.5
Total	985	1,143	16.0	1,363	19.3	1,448	7.1	1,742	20.3
First Professional	121	102	−15.7	125	22.6	139	11.2	151	8.6
Doctor's Degrees									
Public Institutions	112	149	33.0	194	30.2	201	3.6	267	32.8
Private Institutions	21	34	61.9	23	−32.4	46	100.0	48	4.3
Total	133	183	37.6	217	18.9	247	16.5	315	27.5
Total Degrees									
Public Institutions	4,140	4,556	10.0	5,160	13.3	5,380	4.3	5,960	10.8
Private Institutions	2,495	2,854	14.4	3,398	19.1	3,923	15.5	4,305	9.7
Total	6,635	7,410	11.7	8,558	15.5	9,306	8.8	10,265	10.3
Total Degrees Awarded Throughout U.S.[c]	667,592	714,634	7.0%	773,376	8.2	871,837	12.7	990,284[d]	13.6
Percent of U.S. Total From Utah Schools	.99%	1.04%		1.11%		1.07%		1.04%	

[a] Does not include associate degrees.

[b] Includes Master of Philosophy degrees, which are the equivalent of doctoral degrees without dissertations awarded by the University of Utah.

[c] U.S., Department of Health, Education, and Welfare, Office of Education, Earned Degrees Conferred 1967-68 Part A – Summary Data, by Mary Evans Hooper and Marjorie O. Chandler (Washington, D.C.: Government Printing Office, May, 1969) p. 3.

1969-70		1970-71		1971-72			1972-73		
No.	Percent Increase Over 1968-69	No.	Percent Increase Over 1969-70	No.	Percent Increase Over 1970-71	Percent of Total Degrees Awarded 1971-72	No.	Percent Increase Over 1971-72	Percent of Total Degrees Awarded 1972-73
4,913	10.5	5,120	4.2	5,134	.3%	41.3	5,031	-2.0%	41.5%
3,924	9.7	4,267	8.7	4,461	4.5	35.8	4,249	-4.8	35.0
8,837	9.7	9,387	6.5	9,595	2.2	77.2	9,280	-3.3	76.5
1,292	9.7	1,312	9.2	1,407[b]	7.2	11.3	1,422[b]	1.1	11.7
626	-3.1	704	12.5	761	8.1	6.1	746	-2.0	6.1
1,828	4.9	2,016	10.3	2,168	7.5	17.4	2,168	0.0	17.8
153	1.3	168	8.5	179	7.0	1.5	227	26.8	1.9
349	38.7	317	-9.2	384	21.8	3.1	352	-8.8	2.9
64	33.3	77	10.3	105	36.4	.8	108	2.9	.9
413	31.1	394	-4.6	491	24.6	3.9	460	-6.3	3.8
6,617	11.0	6,915	4.5	7,106	2.8	57.2	7,033	-1.0	58.0
4,614	7.2	5,048	9.4	5,327	5.5	42.8	5,103	-4.2	42.0
11,231	9.4	11,963	6.5	12,433	3.9%	100.0	12,136	-2.4%	100.0%
1,072,581[c]	8.3%	1,140,192[d]		1,194,800[e]	4.8%		1,268,500[e]	6.2%	
1.05%		1.07%		1.04%			.95%		

Source: Office of Education Higher Education General Information Survey (HEGIS Report), Degrees and Other Formal Awards Conferred between July 1, 1970 and June 30, 1971.

[d] Actual Projections of Educational Statistics to 1981-82, 1972 Edition.

[e] Estimated, Projections of Educational Statistics 1981-82, 1972 Edition.

TABLE 2

Utah System of Higher Education

Comparison of Degrees Conferred, 1963-64 to 1972-73, Utah Public and Private Institutions, By Level of Degree and Area of Study

Area of Study	Bachelor's Degrees 1963-64	1972-73	Increase	Master's Degrees 1963-64	1972-73	Increase	Doctor's Degrees 1963-64	1972-73	Increase	Total Degrees 1963-64	1972-73	Increase
Agriculture & Natural Resources	70	315	350.0%	24	62	158.3%	7	9	28.6%	101	386	282.2%
Architecture & Environmental Design	18	26	44.4	1	15	1,400.0	–	–	–	19	41	115.8
Area Studies	–	13	100.0	–	6[a]	100.0	–	1	100.0	–	20	100.0
Biological Sciences	258	515	99.6	39	74[a]	89.7	15	46	206.7	312	635	103.5
Business & Management	579	1,142	97.2	73	450	516.4	–	7	100.0	652	1,599	145.2
Communications	–	198	100.0	–	27	100.0	–	5	100.0	–	230	100.0
Computer & Informational Sciences	–	136	100.0	–	7	100.0	–	1	100.0	–	144	100.0
Education	1,127	1,982	75.9	217	552	154.4	31	213	587.1	1,375	2,747	99.8
Engineering	318	596	87.4	73	210[a]	187.7	20	41	105.0	411	847	106.1
English & Journalism	264	–	–100.0	35	–	–100.0	2	–	–100.0	301	–	–100.0
Fine & Applied Arts	271	360	32.8	43	53	23.3	4	7	75.0	318	420	32.1
Foreign Languages	144	274	90.3	14	30	114.3	–	3	100.0	158	307	94.3
Forestry	90	–	–100.0	6	–	–100.0	3	–	–100.0	99	–	–100.0
Geography	12	–	–100.0	1	–	–100.0	–	–	–	13	–	–100.0
Health Professions	109	387	255.0	18	46	155.6	52	79[b]	51.9	179	512	186.0
Home Economics	260	457	75.8	19	35	84.2	–	3	100.0	279	495	77.4
Law	–	4	100.0	53	–	–100.0	–	154[c]	100.0	53	158	198.1
Letters	–	604	100.0	–	91	100.0	–	19	100.0	–	714	100.0
Library Science	–	–	–	–	62	100.0	–	–	–	–	62	100.0
Mathematics	101	124	22.8	13	82	530.8	1	5	400.0	115	211	83.5
Military Sciences	8	–	–100.0	–	–	–	–	–	–	8	–	–100.0
Philosophy	10	–	–100.0	–	–	–	–	–	–	10	–	–100.0
Physical Sciences	129	197	52.7	37	65[a]	75.7	27	40	48.1	193	302	56.5
Psychology	139	396	184.9	34	28	–17.6	6	24	300.0	179	448	150.3
Public Affairs & Services	–	130	100.0	61	183	200.0	–	5	100.0	98	318	224.5
Social Sciences	712	1,297	82.2	40	80	100.0	3	23	666.7	718	1,400	95.0
Theology	1	–	–100.0	14	11	–21.4	1	2	100.0	16	13	–18.7
Trade & Industrial	61	–	–100.0	63	–	–100.0	–	–	–	74	–	–100.0
Interdisciplinary	36	127	252.8	1	–	–100.0	–	–	–	37	127	243.2
TOTAL	4,717	9,280	96.7%	829	2,169	161.6%	172	460	167.4%	5,718	11,909	106.3%

[a] Includes Master of Philosophy degrees awarded at the University of Utah. These degrees are the equivalent of doctoral degrees without dissertations.

[b] Includes 73 M.D. first professional degrees at the doctoral level awarded by the University of Utah.

[c] Includes 154 J.D. first professional degrees at the doctoral level awarded by the University of Utah.

Source: HEGIS Reports 1963-64 and 1972-73.

TABLE 3

Utah System of Higher Education

Bachelor Degrees Conferred, Utah Public and Private Institutions, 1963-64 Through 1972-73, By Institution

Institution	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	Ten-Year Total	% Inc. 1972-73 Over 1963-64
System Institutions:												
University of Utah	1,404	1,585	1,762	1,861	1,981	2,128	2,312	2,409	2,427	2,481	20,350	76.7%
Utah State University	1,153	1,181	1,196	1,340	1,349	1,366	1,481	1,521	1,573	1,450	13,610	25.8
Weber State College	307[a]	365	432	560	626	752	864	907	851	794	6,468	158.6
Southern Utah State College	—	61[a]	133	156	172	200	256	283	283	306	1,850	100.0[b]
Totals for system inst.	2,864	3,192	3,523	3,917	4,128	4,446	4,913	5,120	5,134	5,031	42,268	75.7%
Yearly percent increase	13.2%	11.5%	10.4%	11.2%	5.4%	7.7%	10.5%	4.2%	.3%	−2.0%	—	—
Private Institutions:												
Brigham Young University	1,797	2,150	2,381	2,880	3,242	3,506	3785	4144	4,311	4,093	32,289	127.8
Westminster College	56	54	78	67	104	105	139	123	150	156	1,032	178.6
Totals for private inst.	1,853	2,204	2,459	2,947	3,611	3,346	3,924	4,267	4,461	4,249	33,321	129.3
Yearly percent increase	12.6%	18.9%	11.6%	19.8%	22.5%	−7.3%	17.3%	8.7%	4.5%	−4.7%	—	—
Total bachelor's degrees awarded in Utah	4,717	5396	5,982	6,864	7,474	8,057	8,837	9,387	9,595	9,280	75,589	96.7%
Yearly percent increase for all Utah institutions	13.0%	14.4%	10.9%	14.7%	8.9%	7.8%	9.7%	6.2%	2.2%	−3.3%	—	—

[a] First bachelor's degrees awarded.
[b] Percent increase 1972-73 over 1964-65.

Source: HEGIS Reports 1963-64 to 1972-73.

TABLE 4

Utah System of Higher Education

Bachelor Degrees Conferred, 1968-69 Through 1972-73
By Utah Public and Private Institutions and Area of Study

	Public Institutions					
Area of Study	1968-69	1969-70	1970-71	1971-72	1972-73	5-Yr. Total
Agriculture & Natural Resources[1]	128	167	198	153	195	841
Architecture & Environmental Design	25	28	32	27	1	113
Area Studies				2	2	4
Biological Sciences	261	268	239	203	250	1,221
Business & Management	525	621	693	805	760	3,404
Communications[2]	31	27	49	57	87	251
Computer & Information Sciences	30	27	93	91	93	334
Education	989	995	1,060	1,098	1,000	5,142
Engineering[3]	354	438	421	409	366	1,988
Fine & Applied Arts[4]	125	160	165	195	213	858
Foreign Languages	94	110	93	98	101	496
Health Professions	142	127	225	202	298	994
Home Economics	137	169	192	136	179	813
Law[5]			22	8	4	34
Letters[6]	315	384	344	343	267	1,653
Mathematics	108	123	106	84	73	494
Military Sciences	1	2	2	2		7
Physical Sciences	140	149	158	156	118	721
Psychology	153	192	157	214	249	965
Public Affairs & Services[7]			15	96	51	162
Social Sciences[8]	880	917	852	746	704	4,099
Theology						
Interdisciplinary Studies[9]	8	9	4	9	20	50
Total	4,446	4,913	5,120	5,134	5,031	24,644
Percent Increase over Previous Year	7.7%	10.5%	4.7%	.3%	2.0%	–

[1]Agriculture & Natural Resources include Forestry.

[2]Communications include Journalism.

[3]Engineering includes Trade & Industrial Training.

[4]Fine & Applied Arts no longer include Speech.

[5]Law indicates bachelor degrees in Prelaw only.

[6]Letters include Speech, English, and Philosophy.

[7]Public Affairs & Services include Social Work and Public Administration.

[8]Social Sciences include Geography.

Private Institutions						Public & Private 5-Yr. Total	Percent of Total Degrees
1968-69	1969-70	1970-71	1971-72	1972-73	5-Yr. Total		
50	75	55	67	120	367	1,208	2.7%
		27	33	25	85	198	.4
		15	10	11	36	40	.1
206	192	266	269	265	1,198	2,419	5.4
370	390	423	424	382	1,989	5,393	11.9
		159	111	111	381	632	1.4
1	18	25	54	43	141	475	1.1
812	919	965	1,046	982	4,724	9,866	21.8
155	174	214	235	230	1,008	2,996	6.6
128	128	252	169	147	824	1,682	3.7
209	187	166	218	173	953	1,449	3.2
60	32	59	105	89	345	1,339	3.0
244	344	318	287	278	1,471	2,284	5.1
				–	–	34	.1
270	290	211	321	337	1,429	3,082	6.8
35	62	47	39	51	234	728	1.6
				–	–	7	0.0
81	96	95	77	79	428	1,149	2.5
139	158	154	193	147	791	1,756	3.9
		132	82	79	293	455	1.0
690	695	640	590	593	3,208	7,307	16.2
			1	–	1	1	0.0
161	164	44	130	107	606	656	1.5
3,611	3,924	4,267	4,461	4,249	20,512	45,156	100.0%
7.9%	8.7%	8.7%	4.6%	−4.8%	–	–	–

[9]Interdisciplinary Studies replace Miscellaneous Studies.

Source: HEGIS Reports 1968-69 to 1972-73.

TABLE 5

Utah System of Higher Education
Total Bachelor's Degrees Awarded 1972-73
By Major Field of Study and Sex

Major Field of Study	U of U		USU		WSC	
	M	W	M	W	M	W
Agriculture & Natural Resources			190	5		
Architecture & Environmental Design	1					
Area Studies			1	1		
Biological Sciences	111	22	32	13	41	1
Business & Management	368	25	136	24	146	12
Communications	41	18	9	7	3	1
Computer & Information Sciences	41	4	13	1	32	2
Education	75	263	144	275	26	86
Engineering	162	4	127		63	1
Fine & Applied Arts	51	67	36	29	15	8
Foreign Languages	20	23	9	10	18	7
Health Professions	91	158	33	13	1	2
Home Economics	3	68	3	72	2	27
Law			3	1		
Letters	63	96	26	31	13	25
Mathematics	32	11	10	1	7	5
Military Sciences						
Physical Sciences	67	7	13	3	25	
Psychology	115	51	21	11	32	11
Public Affairs & Services			7	18	25	1
Social Sciences	295	126	82	24	112	42
Theology						
Interdisciplinary Studies	1	1	9	7	1	1
Total	1,537	944	904	546	562	232
	2,481		1,450		794	
Percent of Total Bachelor's Degrees	26.7%		15.6%		8.6%	

Source: HEGIS Report 1972-73.

SUSC		TOTAL PUBLIC		BYU		WESTMINSTER		PRIVATE TOTAL		TOTAL	
M	W	M	W	M	W	M	W	M	W	M	W
		190	5	100	20			100	20	290	25
		1		5	20			5	20	6	20
		1	1	8	3			8	3	9	4
24	6	208	42	198	63	4		202	63	410	105
45	4	695	65	342	14	23	3	365	17	1,060	82
5	3	58	29	87	24			87	24	145	53
		86	7	38	5			38	5	124	12
74	57	319	681	216	739	5	22	221	761	540	1,442
9		361	5	228	2			228	2	589	7
5	2	107	106	68	75		3	68	78	176	184
11	3	58	43	108	81	1	3	109	64	167	107
		125	171	13	60		18	13	78	138	249
	4	8	171	32	246			32	246	40	417
		3	1							3	1
2	11	104	163	101	217	5	14	106	231	210	394
6	1	56	18	35	13	3		38	13	93	31
2	1	107	11	68	3	8		76	3	183	14
6	2	174	75	102	43	2		104	43	278	118
		32	19	22	57			22	57	54	76
14	9	503	201	456	94	29	14	485	108	988	309
		11	9	53	53	1		54	53	65	62
203	103	3,206	1,825	2,281	1,812	81	75	2,362	1,887	5,568	3,712
306		5,031		4,093		156		4,249		9,280	
3.3%		54.2%		44.1%		1.7%		45.8%		100.0%	

TABLE 6

Utah System of Higher Education

Total Yearly Bachelor Degrees Conferred, Utah Public and Private Institutions, 1963-64 Through 1972-73, By Area of Study

Area of Study	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73
Agriculture & Natural Resources	70	72	87	88	72	126	177	253	220	315
Architecture & Environmental Design	18	15	13	25	18	25	28	59	60	26
Area Studies	–	–	–	–	–	–	–	15	12	13
Biological Sciences	258	306	361	422	448.5	467	460	506	472	515
Business & Management	579	725	809	916	956	894.5	1,010.5	1,116	1,229	1,142
Communications[1]	–	–	–	–	–	–	–	208	168	198
Computer & Informational Sciences	–	–	–	–	12	31	45	118	145	136
Education	1,127	1,143	1,230	1,299	1,521	1,803.5	1,914	2,025	2,144	1,982
Engineering[2]	318	331	357	384	352	371	421	636	644	586
English and Journalism[3]	264	308	362	497	418	429.5	480	–	–	–
Fine and Applied Arts	271	288	318	363	416	418	495.5	417	384	360
Foreign Languages	144	174	208	248	317	304	296.5	259	316	274
Forestry[4]	80	91	81	100	120	52	65	–	–	–
Geography[5]	12	28	30	32	42	54.5	63.5	–	–	–
Health Professions	109	142	152	186	185	202	159	284	307	387
Home Economics	260	303	356	355	347	381.5	513.5	510	423	457
Law	–	65	–	–	–	–	–	22	8	4
Letters	–	–	–	–	–	–	–	555	564	604
Mathematics	101	144	129	166	172	143.5	184.5	133	123	124
Military Sciences	8	6	7	4	5	1	2	2	2	–
Philosophy[6]	10	17	19	18	13.5	20	13	–	–	–
Physical Sciences	129	141	184	185	177	221	246.5	276	233	197
Psychology	139	158	196	224	279.5	292	350	288	407	396
Public Affairs & Services[7]	–	–	–	–	–	–	–	147	178	130
Social Sciences	712	892	1,006	1,115	1,371.5	1,515	1,549	1,492	1,338	1,297
Trade & Industrial	61	46	56	170	79	136	191.5	–	–	–
Theology	-1	-1	–	–	–	–	–	–	1	–
Interdisciplinary[8]	36	67	21	27	151	169	173	48	139	127
Total	4,717	5,461	5,962	6,864	7,474	8,057	8,837	9,387	9,595	9,260

[1]Includes Journalism & Speech, formerly listed elsewhere.
[2]Includes Trade & Industrial, formerly listed separately.
[3]English now listed under Letters.
[4]Forestry now listed under Agriculture & Natural Resources.
[5]Geography now listed under Letters.
[6]Philosophy now listed under Letters.
[7]Formerly part of Social Sciences.
[8]Formerly Miscellaneous.

Source: HEGIS Reports, 1963-64 to 1972-73.

TABLE 7

Utah System of Higher Education
Total Bachelor's Degrees Awarded 1972-73
By Major Field of Study and Sex

Major Field of Study	U of U		USU		WSC		SUSC		TOTAL PUBLIC		BYU		WEST-MINSTER		TOTAL PRIVATE		TOTAL	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Agriculture & Natural Resources																		
Agronomy			2						2		18				18		20	
Animal Science			18						18		41				41		59	
Dairy Science			6						6								6	
Fish, Game, & Wildlife Management			54	1					54	1							54	1
Horticulture			1						1		10				10		11	
Agricultural Economics			16						16		22				22		38	
Food Science & Technology			5						5		4	20			4	20	9	20
Forestry			61	2					61	2							61	2
Natural Resources Management																		
Agriculture & Forestry Management																		
Range Management			8	2					8	2	5				5		13	2
Soils Science			1						1								1	
Ornamental Horticulture			8						8								8	
International Agriculture			3						3								3	
Watershed Science			6						6								6	
Range Reservation Economy			1						1								1	
Architecture & Environmental Design																		
Environmental Design, General											5	20			5	20	5	20
Architecture	1								1								1	
Landscape Architecture																		
Area Studies																		
Asian Studies, General											3	1			3	1	3	1
Latin American Studies											4	2			4	2	4	2
European Studies, General											1				1		1	
American Studies			1	1					1	1							1	1
Biological Sciences																		
Biology, General	88	21					3	2	91	23			4		4		95	23
Biochemistry			3						3								3	

TABLE 7 (cont.)

Major Field of Study	U of U M	U of U W	USU M	USU W	WSC M	WSC W	SUSC M	SUSC W	TOTAL PUBLIC M	TOTAL PUBLIC W	BYU M	BYU W	WEST-MINSTER M	WEST-MINSTER W	TOTAL PRIVATE M	TOTAL PRIVATE W	TOTAL M	TOTAL W
Botany, General			2	3	12	1	5	1	19	5	8	1			8	1	27	6
Bacteriology			10	3					10	3							10	3
Plant Pathology																		
Zoology, General			11	6	23		16	3	50	9	162	15			162	15	212	24
Physiology, Human and Animal			1						1								1	
Microbiology	2	1			6				8	1	28	47			28	47	36	48
Entomology				1						1								1
Medical Biology	21								21								21	
Nutrition, Scientific			5						5								5	
Business & Management																		
Accounting	148	8	33	2	56	4	14	1	251	15	137	9			137	9	388	24
Business Statistics																		
Banking & Finance	81	2	24		10				115	2							115	2
Business Management & Administration	99	13	10	1	58		31	3	198	17	197	5	23	3	220	8	418	25
Marketing & Purchasing	40	2	32	1	15	1			87	4							87	4
Secretarial Studies						7				7								7
Labor & Industrial Relations			21						21								21	
Business Economics			11	1	6				17	1	8				8		25	1
Production Management			5						5								5	
Office Administration				19						19								19
Government Logistics Management					1				1								1	
Communications																		
Communications, General	17	4					5	3	22	7	87	24			87	24	109	31
Journalism	24	14	9	7	3	1			36	22							36	22
Speech (Theatre)																		
Computer & Information Sciences																		
Computer & Information Sciences, General	41	4	13	1					54	5	38	5			38	5	92	10
Data Processing					32	2			32	2							32	2

TABLE 7

Major Field of Study	U of U		USU		WSC		SUSC		TOTAL PUBLIC		BYU		WEST MINSTER		TOTAL PRIVATE		TOTAL	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Education																		
Education, General											93	521			93	521	93	521
Elementary Education, General	17	178	18	118	5	60	13	37	53	393				18		18	53	411
Secondary Education, General			23	15					23	15							23	15
Special Education, General	2	16	4	15					6	31							6	31
Special Learning Disabilities																		
Art Education					1	6	1	2	5	7							5	7
Music Education	2	2			2	3	5	3	9	8							9	8
Mathematics Education	1	2		4					1	6			1	2	1	2	2	8
Physical Education	26	22	30	27	4	7	32	8	92	64	57	40	2	2	59	42	151	106
Health Education	20	19	4	4					30	23							30	23
Business, Commerce, & Distributive Education	1		7	34		2	1	7	9	43	27	59	1		28	59	37	102
Speech Correction			1	15					1	15							1	15
Industrial Arts, Vocational & Technical Education			30				19		49		20				20		79	
Preelementary Education				29						29								29
Education of Exceptional Children, not classifiable above			3	11					3	11							3	11
Agricultural Education			12						12								12	
Home Economics Education		24								24	1	96			1	96	1	120
Nursing Education																		
Physical Education Nonteaching					14	9			14	9							14	9
Recreation Education			12	3					12	3	38	23			38	23	50	26
Science Education													1		1		1	
Engineering																		
Chemical Engineering	19								19		18	1			18	1	37	1
Civil, Construction, and Transportation Engineering	31		14						45		31				31		76	
Electrical, Electronics, and Communications Engineering	88	4	20						78	4	66				66		144	4
Mechanical Engineering	31		10						41		42				42		83	
Geological Engineering	2								2								2	
Industrial & Management Engineering	3								3								3	
Metallurgical Engineering	5								5								5	
Materials Engineering	2		13						15								15	
Ceramic Engineering																		
Mining and Mineral Engineering	8								8								8	
Engineering Technologies			56		8	1	9		128	1	71	1			71	1	199	2
Manufacturing Engineering																		
Environmental & Sanitary Engineering			14						14								14	
Physical Plant Administration											1				1		1	

TABLE 7 (cont.)

Major Field of Study	U of U		USU		WSC		SUSC		TOTAL PUBLIC		BYU		WEST-MINSTER		TOTAL PRIVATE		TOTAL	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Fine and Applied Arts																		
Art (Painting, Drawing, Sculpture)	26	19	17	16	9	4	3	–	55	39	49	44		3	49	47	104	86
Music (Performing, Composition, Theory)	11	16							11	16	20	31			20	31	31	47
Music (Liberal Arts Program)			14	8	1	2			15	10							15	10
Dramatic Arts	11	8	5	1	1	2	2	2	19	13							19	13
Dance	3	24		4					3	28							3	28
Art, Commercial					4				4								4	
Foreign Languages																		
French	2	10	2	3	4	3			8	16	13	14			13	14	21	30
German	6	7		1	3	1	5	3	14	12	18	15	1	3	19	18	33	30
Spanish	9	3			11	3	6	–	26	6	59	32			59	32	85	38
Russian	2	2							2	2	3				3		5	2
Chinese											3				3		3	
Japanese											2				2		2	
Latin		1								1	2				2		2	1
Greek, Classical											1				1		1	
Arabic	1								1								1	
Portuguese											7				7		7	
Italian			7	6					7	6							7	6
Health Professions																		
Health Professions, General											11	12			11	12	11	12
Nursing (Baccalaureate and Higher Programs)	2	88							2	88	2	40		16	2	64	4	152
Dental Specialties (Work Beyond First-Professional Degree, D.D.S. or D.M.D.)			5						5								5	
Medical Specialties (Work Beyond First-Professional Degree, M.D.)																		
Pharmacy	51	12	18	1					69	13							69	13
Physical Therapy	17	8							17	8							17	8

Table 7 (cont.)

Major Field of Study	U of U M	U of U W	USU M	USU W	WSC M	WSC W	SUSC M	SUSC W	TOTAL PUBLIC M	TOTAL PUBLIC W	BYU M	BYU W	WEST-MINSTER M	WEST-MINSTER W	TOTAL PRIVATE M	TOTAL PRIVATE W	TOTAL M	TOTAL W
Public Health	1		5	2					6	2							6	2
Veterinary Medicine Specialties (Work Beyond First-Professional Degree, D.V.M.)			3						3								3	
Speech Pathology and Audiology	9	28							9	28							9	28
Medical Laboratory Technologies (Baccalaureate and Higher Programs)	11	22	2	10	1	2			14	34							14	34
Home Economics																		
Home Economics, General	3	23		20				4	3	47							3	47
Clothing and Textiles		13	2	12					2	25		64				64	2	89
Consumer Economics & Home Management				12						12		11				11		23
Family Relations and Child Development		13		18	2	27			2	58	32	168			32	168	34	226
Foods and Nutrition		19	1	7					1	26		3				3	1	29
Family Life & Office Administration				3						3								3
Law																		
Law, General			3	1					3	1							3	1
Letters																		
English General	42	92	13	27	6	24	1	4	62	147	52	129	3	13	55	142	117	289
Literature, English								4		4								4
Speech, Debate, and Forensic Science			10	4	7	1	1	3	18	8	47	87	1		48	87	66	95
Philosophy	21	4	3						24	4			1	1	1	1	25	5
Comparative Literature											2	1			2	1	2	1
Mathematics																		
Mathematics, General	32	11	8	1	7	5	6	1	53	18	30	13	3		33	13	86	31
Statistics, Mathematical & Theoretical			2						2		5				5		7	
Military Sciences																		
Military Science (Army)																		

TABLE 7 (cont.)

Major Field of Study	U of U M	U of U W	USU M	USU W	WSC M	WSC W	SUSC M	SUSC W	TOTAL PUBLIC M	TOTAL PUBLIC W	BYU M	BYU W	WEST-MINSTER M	WEST-MINSTER W	TOTAL PRIVATE M	TOTAL PRIVATE W	TOTAL M	TOTAL W
Physical Sciences, General	19	1							19	1			1		1		20	1
Physics, General			7	1	13				20	1	23		1		24		44	1
Chemistry, General	18	5	2	1	7		2	1	29	7	29	1			29	1	58	8
Atmospheric Sciences & Meteorology	18								18								18	
Geology	7	1	4	1	4				15	2	16	2	4		20	2	35	4
Geophysics and Seismology	4								4								4	
Mineralogy	1								1								1	
Earth Sciences, General					1				1				2		2		3	
Psychology																		
Psychology, General	115	51	21	11	32	11	6	2	174	75	102	43	2		104	43	278	118
Public Affairs and Services																		
Parks and Recreation Management																		
Social Work & Helping Services			7	18					7	18	22	57			22	57	29	75
Police Science					25	1			25	1							25	1
Social Sciences																		
Social Sciences, General	1	1					1		2	1							2	1
Anthropology	9	10							9	10	9	2			9	2	18	12
Archaeology											7	8			7	8	7	8
Economics	34	7							34	7	63				63		97	7
History	58	30	19	11	27	4	3	1	107	46	97	35	5	2	102	37	209	83
Geography	35	2	2		5	1			37	3	18	4			18	4	55	7
Political Science & Government	94	20	38	4	34	6	1	–	167	30	116	6	1		117	6	284	36
Sociology	74	59	18	9	46	31	9	9	147	104	90	31	2		92	31	239	135
International Relations											2	3			2	3	2	3
Behavioral Sciences													21	12	21	12	21	12
Law Enforcement											54	5			54	5	54	5
Theology																		
Theological Professions, General																		

TABLE 7 (cont.)

Major Field of Study	U of U M	U of U W	USU M	USU W	WSC M	WSC W	SUSC M	SUSC W	TOTAL PUBLIC M	TOTAL PUBLIC W	BYU M	BYU W	WEST-MINSTER M	WEST-MINSTER W	TOTAL PRIVATE M	TOTAL PRIVATE W	TOTAL M	TOTAL W
Interdisciplinary Studies																		
General Liberal arts & Sciences			9	7					9	7							9	7
Biological & Physical Sciences					1	1			1	1							1	1
Humanities & Social Sciences											2	24			2	24	2	24
Youth Leadership											22	11			22	11	22	11
Geneology Technology											20	15			20	15	20	15
Law Enforcement																		
Environmental Science													1		1		1	
English-Music Education		1								1								1
Communication in Management	1								1								1	
University Studies											9	3			9	3	9	3
Grand Total	1537	944	904	546	582	232	203	103	3206	1825	2281	1012	81	75	2362	1887	5568	3712
	2481		1450		794		306		5031		4093		156		4249		9280	

Source: HEGIS Report 1972-73.

TABLE 8

Utah System of Higher Education

Master's Degrees Conferred, Utah Public and Private Institutions, 1963-64 Through 1972-73, By Institution

Institution	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	Ten-Year Total	% Inc. 1972-73 Over 1963-64
System Institutions:												
University of Utah	321	440	469	532	573	666	735	885	956[a]	950[a]	6,532	197.8
Utah State University	187	275	313	392	339	427	467	427	452	467	3,746	149.7
Totals for system inst.	508	715	782	924	912	1,093	1,202	1,312	1,407	1,423	10,278	180.1
Yearly percent increase	3.0%	40.7%	9.4%	18.2%	−1.3%	19.8%	10.0%	9.2%	7.2%	1.1%	–	–
Private Institutions:												
Brigham Young University	268	270	361	428	536	643	624	704	757	746	5,337	178.4
Westminster	—	—	—	—	—	3	2	—	4	—	9	0.0
Totals for private inst.	268	270	361	428	536	646	626	704	761	746	5,346	178.4
Yearly percent increase	30.1%	0.7%	33.7%	18.6%	25.2%	20.5%	− 3.0%	12.5%	8.1%	− 2.0%	–	–
Total master's degrees awarded in Utah	776	985	1,143	1,352	1,448	1,739	1,828	2,016	2,168	169	15,624	179.5
Yearly percent increase for all Utah inst.	11.0%	26.9%	16.0%	18.3%	7.1%	20.1%	5.1%	10.3%	7.5%	.1%	–	–

Source: HEGIS Reports 1963-64 to 1972-73.

[a] Includes Master of Philosophy degrees, which are the equivalent of doctoral degrees without dissertations awarded at the University of Utah.

TABLE 9

Utah System of Higher Education

Total Yearly Master's Degrees Conferred, Utah Public and Private Institutions, 1963-64 Through 1972-73, By Area of Study

Area of Study	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71[a]	1971-72	1972-73
Agriculture & Natural Resources[a]	24	17	26	25	12	33	28	34	35	62
Architecture & Environmental Design	1	1			1		1	5	16	15
Area Studies								2	1	6[b]
Biological Sciences	39	45	48	72	65	72	75	49	68	74[b]
Business & Management	73	102	158	205	187	244	217	363	368	450
Communications[a]								18	15	27
Computer & Information Sciences					3	5	4	5	10	7
Education	217	314	328	368	396	531	571	609	621	562
Engineering[a]	73	76	120	128	157	206	200	252	232	210[b]
English & Journalism	35	28	41	69	48	49	60			
Fine & Applied Arts	43	54	77	71	65	80	80	64	81	53
Foreign Languages	14	12	15	31	25	26	39	29	38	30
Forestry	6	16	9	13	19	11	16			
Geography	1	3	3	6	8	12	7			
Health Professions	18	17	13	12	13	16	20	48	64	46
Home Economics	19	16	25	20	23	42	32	29	39	35
Letters[a]								74	75	91
Library Science					21	23	31	43	51	62
Mathematics	13	52	19	35	41	27	33	35	31	82
Philosophy		1	2	4		3	4			
Physical Sciences	37	47	41	37	45	35	48	38	76[b]	65[b]
Psychology	34	22	29	21	44	44	38	29	41	28
Public Affairs & Services								154	194	183
Social Sciences[a]	101	128	151	209	208	253	294	119	97	80
Theology	14	14	11	4	14	16	9	19	15	11
Trade & Industrial	9	1	27	22						–
Interdisciplinary	5	19			53	12	21			–
Totals	776	985	1,143	1,352	1,448	1,739	1,828	2,016	2,168	2,169

[a]As of the 1970-71 academic year, Agriculture & Natural Resources included Forestry, which was previously listed separately. Communications included Journalism, which was previously listed under English. Engineering included Industrial Arts and Trade Technology, which were previously listed separately. Letters included English, Speech, and philosophy, which were previously listed under English, Fine & Applied Arts, and Philosophy, respectively. And Social Sciences excluded Public Affairs & Services, which was henceforth listed separately.

[b]Includes Master of Philosophy degrees, which are the equivalent of doctoral degrees without dissertations awarded by the University of Utah.

Sources: HEGIS Reports, 1963-64 to 1972-73.

TABLE 10

Utah System of Higher Education

Master's Degrees, Utah Public and Private Institutions, 1968-69 Through 1972-73, By Area of Study

Area of Study	Public Institutions					
	1968-69	1969-70	1970-71	1971-72	1972-73	5-Yr. Total
Agriculture & Natural Resources[a]	42	42	32	32	56	204
Architecture & Environmental Design	—	1	5	16	15	37
Area Studies	—	—	—	–	3[b]	3
Biological Sciences	41	48	32	45	40[b]	206
Business & Management	181	157	313	286	376	1,313
Communications[c]	1	5	—	5	12	23
Computer & Information Services	5	4	5	10	7	31
Education	294	367	389	385	335	1,770
Engineering	146	143	162	145	148[b]	744
Fine & Applied Arts[d]	40	36	34	63	35	208
Foreign Language	10	13	14	16	12	65
Health Professions	16	20	27	53	32	148
Home Economics	21	16	17	20	15	89
Library Science	2	8	—	14	15	39
Letters[e]	36	56	46	49	38	225
Mathematics	14	17	20	25	68	144
Physical Sciences	20	36	28	43[b]	45[b]	172
Psychology	30	26	11	27	18	112
Public Affairs & Services[f]	—	—	90	107	98	295
Social Services[g]	197	207	87	66	55	612
Interdisciplinary Studies[h]	—	—	—	—	–	--
Theology	—	—	—	—	–	–
Total	1,096	1,202	1,312	1,407	1,423	6,440
Percent Increase over Previous Year	20.2%	9.7%	9.2%	7.2%	1.1%	–

[a] Agriculture & Natural Resources include Forestry.
[b] Includes Master of Philosophy degrees, which are the equivalent of doctoral degrees without dissertations awarded by the University of Utah.
[c] Communications include Journalism.
[d] Fine & Applied Arts no longer include Speech.
[e] Letters include Speech, English, and Philosophy.
[f] Public Affairs & Services include Social Work and Public Administration

Private Institutions					5-Yr. Total	Public & Private 5-Yr. Total	Percent of Total Degrees
1968-69	1969-70	1970-71	1971-72	1972-73			
2	2	2	3	6	15	219	2.2%
—	—	—	-	–	–	37	.4
—	—	2	1	3	6	9	.1
31	27	17	23	34	132	338	3.4
63	60	50	82	74	329	1,642	16.6
—	—	16	10	15	41	64	.6
—	—	—	–	–	–	31	.3
240	204	220	236	217	1,117	2,887	29.1
59	57	90	87	62	355	1,099	11.1
18	20	30	18	18	104	312	3.1
16	26	15	22	18	97	162	1.6
—	—	21	11	14	46	194	1.9
21	16	12	19	20	88	177	1.8
21	23	43	37	47	171	210	2.1
37	27	28	26	53	171	396	4.0
13	16	15	6	14	64	208	2.1
15	12	10	33	20	90	262	2.6
14	12	18	14	10	68	180	1.8
—	—	64	87	85	236	531	5.4
68	94	32	31	25	250	882	8.7
28	30	—	-	–	58	58	.6
—	—	19	15	11	45	45	.5
646	626	704	761	746	3,483	9,923	100.0%
20.5%	–3.1%	12.5%	8.0%	–2.0%	–	–	–

g Social Services include Geography.
h Interdisciplinary Studies replace Miscellaneous Studies.

Source: HEGIS Reports, 1968-69 to 1972-73.

TABLE 11

Utah System of Higher Education

Doctorates (Including J.D.s and M.D.s) Conferred, Utah Public and Private Institutions, 1963-64 Through 1972-73, By Institution

Institution	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	Ten Year Total
System Institutions:											
University of Utah											
Ph.D. & Ed.D.	81	92	113	138	142	193	248	238	279	224	1,748
M.D.	47	56	44	52	54	65	63	68	62	73	584
J.D. (LL.B.)	53	65	58	73	85	86	90	98	117	154	879
Total	181	213	215	263	281	344	401	404	458	451	3,211
Utah State University											
Ph.D. & Ed.D.	26	20	36	56	59	74	101	79	107	128	686
Total Doctorates (inc. J.D.s & M.D.s) conferred in system	207	233	251	319	340	418	502	483	565	577	3,895
Percent increase over previous year	4.5%	12.6%	7.7%	27.1%	6.6%	22.9%	20.1%	−4.0%	17.0%	2.1%	–
Total Ph.D.s & Ed.D.s conferred in system	107	112	149	194	201	267	349	317	386	352	2,434
Percent increase over previous year	−1.8%	0.0%	39.3%	30.2%	3.6%	32.8%	30.7%	-9.2	21.8%	−8.8%	–
Private Institutions:											
Brigham Young University											
Ph.D. & Ed.D.	18	21	34	23	46	48	64	77	105	108	544
Total Ph.D.s & Ed.D.s conferred in Utah	125	133	183	217	247	315	413	394	491	460	2,978
Percent increase over previous year	6.8%	6.4%	37.6%	18.6%	13.8%	27.5%	31.1%	-4.6%	24.6%	−6.37%	–
Total Doctorates (inc. J.D.s & M.D.s) conferred in Utah	225	254	285	342	386	466	566	560	670	687	4,441
Percent increase over previous year	10.3%	12.9%	12.2%	20.0%	12.9%	20.7%	21.5%	1.1%	19.6%	2.5%	–

Sources: HEGIS Reports, 1963-64 to 1972-73.

TABLE 12

Utah System of Higher Education

Total Yearly Doctorates Conferred, Utah Public and Private Institutions, 1963-64 Through 1972-73, By Area of Study

Area of Study	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73
Agriculture & Natural Resources	10	6	15	21	12	15	13	24	9	9
Architecture & Environmental Design	---	---	---	---	---	---	---	---	---	---
Area Studies	---	---	---	---	---	---	---	---	---	1
Biological Sciences	15	10	15	17	25	38	60	49	74	48
Business & Management	---	---	1	1	2	4	2	2	7	7
Communications	---	---	---	---	---	---	---	---	---	5
Computer & Information Sciences	---	---	---	---	---	---	---	---	---	1
Education	31	37	44	54	76	109	147	136	184	213
Engineering	20	20	16	29	33	43	47	35	56	41
Fine & Applied Arts	3	2	1	3	4	2	1	11	4	7
Foreign Languages	---	2	2	---	1	2	4	7	9	3
Health Professions	52	61	46	5	---	1	---	1	7	6
Home Economics	---	1	2	2	1	4	2	6	2	3
Law	---	---	---	---	---	---	---	---	---	---
Letters	3	1	6	5	4	6	8	19	24	19
Library Sciences	---	---	---	---	---	---	---	---	---	---
Mathematics	1	7	11	6	4	6	7	8	7	5
Military Sciences	---	---	---	---	---	---	---	---	---	---
Physical Sciences	27	31	44	45	44	42	64	56	45	40
Psychology	6	7	13	15	24	21	32	16	30	24
Public Affairs & Services	---	---	---	---	---	---	---	---	1	5
Social Sciences	3	3	9	12	12	19	25	19	29	23
Theology	1	1	2	2	4	3	1	5	8	2
Interdisciplinary Studies	---	---	---	---	1	---	---	---	---	---
TOTAL	172	189	227	217	247	315	413	394	491	460

Sources: HEGIS Report 1963-64 to 1972-73. Excludes first professional degrees.

TABLE 13

Utah System of Higher Education

Doctorates Conferred, Utah Public and Private Institutions, 1968-69 Through 1972-73 By Area of Study

Area of Study	Public Institutions				
	1968-69	1969-70	1970-71	1971-72	1972-73
Agriculture & Natural Resources[1]	15	13	24	9	9
Area Studies	–	–	–	–	1
Biological Sciences	34	55	39	64	42
Business & Management	4	2	2	7	7
Communications	–	–	–	–	5
Computer & Information Sciences	–	–	–	–	1
Education	82	120	104	127	144
Engineering	43	46	35	52	36
Fine & Applied Arts[2]	2	1	8	1	6
Foreign Language	1	2	5	7	2
Health Professions	1	—	1	7	6
Home Economics	4	1	—	1	–
Letters[3]	8	8	19	24	19
Mathematics	6	7	8	3	5
Physical Sciences	34	44	42	34	27
Psychology	17	28	13	21	16
Public Affairs & Services			1	1	5
Social Sciences[4]	18	22	17	28	21
Theology	—	—	—		–
Total	267	349	318	386	352
Percent Increase over Previous Year	32.8%	30.7%	-8.9%	21.4%	-8.8%

[1]Agriculture & Natural Resources include Forestry.
[2]Fine & Applied Arts no longer include Speech.
[3]Letters include Speech, English, and Philosophy.
[4]Social Sciences include Geography.

Source: HEGIS Reports: 1968-69 to 1972-73.

Private Institutions								
5-Yr. Total	1968-69	1969-70	1970-71	1971-72	1972-73	5-Yr. Total	Public & Private 5-Yr.	Percent of Total
70	–	–	–	–	–	–	70	3.4%
1	–	–	–	–	–	–	1	.1
234	4	5	19	10	4	33	267	12.9
22	–	–	–	–	–	–	22	1.1
5	–	–	–	–	–	–	5	.2
1	–	–	–	–	–	–	1	.1
577	27	27	32	57	69	212	789	38.0
212	—	1	—	3	5	9	221	10.7
18	—	—	3	3	1	7	25	1.2
17	1	2	2	2	1	8	25	1.2
15	—	—	—	–	–	–	15	.7
6	—	1	6	1	3	11	17	.8
76	—	—	—	–	–	–	76	3.7
29	—	—	—	–	–	–	29	1.4
181	8	20	14	11	13	66	247	11.9
95	4	4	3	9	8	28	123	5.9
7					–	–	7	.3
106	1	3	2	1	2	9	115	5.5
–	3	1	5	8	2	19	19	.9
1,672	48	64	77	105	108	402	2,074	100.0%
–	92.0%	33.3%	20.3%	36.4%	2.9%	–	–	–

TABLE 14

Utah System of Higher Education
First Professional Degrees Conferred by Sex and Field of Study
At The University of Utah*
1968-69 Through 1972-73

	1968-69		1969-70	
Major Field of Study	M	W	M	W
Law (LL.B. or J.D.)	82	4	88	2
Medicine (M.D.)	64	1	61	2
Total	146	5	149	4
	151		153	
Percentage Increase Over Previous Year	8.6%		1.3%	

*The University of Utah is the only institution offering professional degrees in the State of Utah.

Source: HEGIS Report 1972-73.

TABLE 15

Utah System of Higher Education
Master's and Doctor's Degrees Conferred 1971-72
By Sex of Student and General Area of Study

	Master's							
	U of U		USU		Total Public		BYU	
Area of Study	M	W	M	W	M	W	M	W
Agriculture & Natural Resources			54	2	54	2	5	1
Architecture & Environmental Design	7	1	7		14	1		
Area Studies	3[b]				3		3	
Biological Sciences	13[b]	4[b]	19	4	32	8	32	2
Business & Management	313	12	48	3	361	15	68	6
Communications	7	5			7	5	13	2
Computer & Information Sciences	6	1			6	1		
Education	113	103	76	43	189	146	150	67
Engineering	90[b]	3	54	1	144	4	62	
Fine & Applied Arts	12	9	12	2	24	11	15	3
Foreign Languages	3	9			3	9	12	6
Health Professions	10	22			10	22	10	4
Home Economics		1	3	11	3	12	10	10
Letters	22	12	3	1	25	13	28	25
Library Science			11	4	11	4	25	22
Mathematics	5	2	51	10	56	12	12	2
Physical Sciences	35	2	8		43	2	18	2
Psychology	4		12	2	16	2	7	3
Public Affairs & Services	66	32			66	32	85	
Social Sciences	21	8	24	2	45	10	25	
Theology							11	
Totals	730	226	382	85	1112	311	591	155
	956		467		1423		746	
Percent of Total Degrees	44.1%		21.5%		65.6%		34.4%	

[a] Does not include first professional degrees.

[b] Includes three Master of Philosophy degrees awarded in Physics at University of Utah. These degrees are the equivalent of doctoral degrees without dissertations.

Source: HEGIS Report 1972-73.

1970-71		1971-72		1972-73		5-Yr. Total		% of Total
M	W	M	W	M	W	M	W	Degrees
97	1	113	4	148	6	528	17	62.2%
65	3	61	1	69	4	320	11	37.8%
162	4	174	5	217	10	848	28	100.0%
166		179		227		876		
8.5%		7.8%		26.8%				

Master's		Doctor's									
Total		U of U		USU		Total Public		BYU		Total	
M	W	M	W	M	W	M	W	M	W	M	W
59	3			8	1	8	1			8	1
14	1										
6		1				1				1	
64	10	19	1	21	1	40	2	4		44	2
429	21	2		4	1	6	1			6	1
20	7	5				5				5	
6	1	1				1				1	
329	213	67	17	60		127	17	58	10	185	27
206	4	21		14	1	35	1	5		40	1
39	14	5	1			5	1	1		6	1
15	15	1	1			1	1	1		2	1
20	26	6				6				6	
13	22							3		3	
53	38	11	8			11	8			11	8
26	26										
68	14	5				5				5	
61	4	23		2	2	25	2	13		38	2
23	5	5	2	9		14	2	8		22	2
151	32	5				5				5	
70	10	16	1	1	1	19	2	2		21	2
11								2		2	
1703	486	193	31	121	7	314	38	98	10	412	48
2189		224		128		352		108		460	
100.0%		48.7%		27.8%		76.5%		23.5%		100.0%	

TABLE 16

Utah System of Higher Education

Total Master's and Doctor's Degrees Awarded 1972-73

By Major Field of Study and Sex

Major Field of Study	Master's												Doctor's									
	U of U		USU		Total Public		Westminster		BYU		Total		U of U		USU		Total Public		BYU		Total	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Agriculture & Natural Resources																						
Agronomy									2		2											
Soils Science			2		2						2				2		2				2	
Animal Science			4	1	4	1			3		7	1										
Fish, Game, & Wildlife Management			10		10						10				4	1	4	1			4	1
Forestry			11	1	11	1					11	1			1		1				1	
Agriculture & Forestry Technology																						
Range Management			8		8						8				1		1				1	
Agricultural Economics			18		18						18											
Food Science & Technology										1		1										
Architecture & Environmental Design																						
Architecture	7	1			7	1					7	1										
Landscape Architecture			7		7						7											
Area Studies																						
Asian Studies, General									3		3											
Middle Eastern Studies	3[a]				3						3		1				1				1	
Biological Sciences																						
Biology, General	10[b]	3			10	3					10	3	10				10				10	
Botany, General			4	2	4	2			5	1	9	3			12	1	12	1			12	1
Bacteriology			1		1						1				4		4				4	
Plant Pathology																						
Zoology, General			7	2	7	2			15		22	2			4		4		4		8	
Pharmacology, Human & Animal																						
Microbiology	1				1				12		13		3	1			3	1			3	1
Anatomy													1				1				1	
Biochemistry			1		1					1	1	1	4		1		5				5	
Ecology																						
Entomology																						
Nutrition, Scientific			4		4						4											
Toxicology			2		2						2											
Pharmacognosy																						
Pathology	2				2						2		1				1				1	
Physiology, Human and Animal		1[c]				1						1										

[a] Includes one Master of Philosophy degree, which is the equivalent of a doctoral degree without a dissertation.
[b] Includes one Master of Philosophy degree, which is the equivalent of a doctoral degree without a dissertation.
[c] Represents one Master of Philosophy degree, which is the equivalent of a doctoral degree without a dissertation.

TABLE 16 (Cont.)

Major Field of Study	Master's												Doctor's									
	U of U		USU		Total Public		Westminster		BYU		Total		U of U		USU		Total Public		BYU		Total	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Business & Management																						
Accounting			19	3	23	1			8	4	27	7										
Business Management & Administration	259	4	25		284	4			47	1	331	5	2				2				2	
Labor & Industrial Relations	6	1			6	1					6	1										
Business Economics			4		4				4	1	5	1			4	1	4	1			4	1
Personnel Management	48	7			48	7					48	7										
Organizational Behavior									9		9											
Communications																						
Communications, General	3	1			3	1			13	2	16	3	5				5				5	
Journalism	4	4			4	4					4	4										
Computer & Information Sciences																						
Computer & Information Sciences, General	6	1			6	1					6	1	1				1				1	
Education																						
Education, General	20	32			20	32					20	32	2	3			2	3			2	3
Elementary Education, General	9	15	5	5	14	20			1		15	20							1		1	
Secondary Education, General	16	6	11	4	27	10					27	10										
Junior & Community College Education, General																						
Special Education, General	12	12	7	14	19	26			2	5	21	31			3		3		1		4	
Speech Correction									5	13	5	13										
Special Learning Disabilities																						
Social Foundations	8	3			8	3			5	3	11	6	2				2		3		5	
Eudcational Psychology	18	21			18	21			16	4	34	25	15	8			15	8	14	3	29	11
Educational Administration	18	2	7		25	2			32	1	57	3	26	4	37		63	4	24	4	87	8
Curriculum & Instruction									11	10	11	10							10	2	10	2
Reading Education										5		5										
Music Education									2	1	2	1										
Physical Education	5	2	9	2	14	4			17	9	31	13							2	1	2	1
Agricultural Education			4		4						4											
Education of Exceptional Children, not classified above			12	12	12	12					12	12										
Student Personnel									14	6	14	6							4		4	

TABLE 16 (Cont.)

Major Field of Study	Master's												Doctor's									
	U of U		USU		Total Public		Westminster		BYU		Total		U of U		USU		Total Public		BYU		Total	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Health Education	5	3			5	3					5	3	22	2			22	2			22	2
Business, Commerce & Distributive Education		2	8	6	8	8			4	3	12	11										
Industrial Arts, Vocational & Technical Education			13		13				11		24				8		8				8	
Home Economics Education										5		5										
Educational Media	4	5			4	5					4	5										
Recreation Education									29	1	29	1										
Instructional Media									1	1	1	1										
Counseling & Guidance																						
Community School Leadership																						
Curriculum Development & Supervision															12		12				12	
Engineering																						
Engineering, General	3				3						3				13	1	13	1			13	1
Agricultural Engineering			8		8						8											
Bioengineering and Biomedical Engineering																						
Chemical Engineering	8				8				3		11		4				4				4	
Civil, Construction, and Transportation Engineering	13		7		20				18		38				1		1		2		3	
Electrical, Electronics, and Communications Engineering	11[d]		6		17				8		25		10				10				10	
Mechanical Engineering	15	2	7		22	2			22		44	2	3				3		3		6	
Geological Engineering																						
Industrial & Management Engineering																						
Materials Engineering			10		10						10		3				3				3	
Mining and Mineral Engineering													1				1				1	
Engineering Mechanics																						
Petroleum Engineering	2	1			2	1					2	1										
Ceramic Engineering	3				3						3											
Nuclear Engineering	2				2						2											
Engineering Administration	33				33						33											

[d]Includes three Master of Philosophy degrees awarded in electrical engineering. These degrees are the equivalent of doctoral degrees without dissertations.

TABLE 16 (Cont.)

Major Field of Study	Master's												Doctor's									
	U of U		USU		Total Public		Weber		BYU		Total		U of U		USU		Total Public		BYU		Total	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Environmental & Sanitary Engineering			16	1	16	1			3		19	1										
Manufacturing Engineering																						
Fuels Engineering																						
Soil Mechanics & Foundation Engineering																						
Stratigraphy & Sedimentation																						
Structural Engineering									8		8											
Fine & Applied Arts																						
Art (Painting, Drawing, & Sculpture)	1		6		7				6	1	13	1										
Music (Performing, Composition, Theory)	3	4			3	4			3		6	4	4	1			4	1	1		5	1
Music (Liberal Arts Program)			3	2	3	2					3	2										
Music History & Appreciation (Musicology)																						
Dramatic Arts	8	5	3		11	5			3	2	14	7	1				1				1	
Dance																						
Applied Design									3		3											
Interpretation																						
Design																						
Foreign Language																						
French	1	7			1	7			6	2	7	9										
German	1				1				2	1	3	1	1	1			1	1	1		2	1
Spanish		2				2			4	3	4	5										
Latin																						
Arabic																						
Persian																						
Turkish																						
Russian	1				1						1											
Health Professions, General																						
Health Professions, General									6	4	6	4										
Nursing (Baccalaureate & Higher Programs)	1	15			1	15					1	15										

TABLE 16 (cont.)

Major Field of Study	Master's												Doctor's					
	U of U		USU		Total Public		Westminster		BYU		Total		U of U		USU		Total Public		BYU		Total	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Pharmacy	1				1						1											
Public Health																						
Veterinary Medicine Specialties (Work Beyond First professional degree, DVM)																						
Speech Pathology & Audiology	5	7			5	7			4		9	7	3				3				3	
Hospital Pharmacy	1				1						1											
Pharmacy Administration																						
Medicinal Chemistry													3				3				3	
Medical Laboratory Technologies	1				1						1											
Anesthesiology	1				1						1											
Home Economics																						
Home Economics, General																						
Clothing & Textiles																						
Consumer Economics & Home Management				5		5						5										
Family Relations & Child Development			3	6	3	6			10	10	13	16							3		3	
Foods & Nutrition		1				1						1										
Letters																						
English, General	15	10	2	1	17	11			2	4	19	15	11	7			11	7			11	7
Literature, English									3	4	3	4										
Comparative Literature	2				2				1		3			1			1					1
Linguistics	1	1			1	1			8		9	1										
Speech, Debate & Forensic Science			1		1				12	11	13	11										
Philosophy	4	1			4	1					4	1										
Literature, American									2	6	2	6										
Library Science																						
Library Science, General									25	22	25	22										
Instructional Media			11	4	11	4					11	4										

TABLE 16 (Cont.)

Major Field of Study	Master's												Doctor's					
	U of U		USU		Total Public		Westminster		BYU		Total		U of U		USU		Total Public		BYU		Total	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Mathematics																						
Mathematics, General	5	2	48	10	53	12			6	2	59	14	5				5				5	
Statistics, Mathematical & Theoretical			3		3				6		9											
Physical Sciences																						
Physical Sciences, General[a]																						
Physics, General	7[a]	1	1		8	1			2		10	1	6		1	1	7	1	7		14	1
Nuclear Physics																						
Chemistry, General	2	1	2		4	1			4	2	8	3	10		1	1	11	1	4		15	1
Inorganic Chemistry																			1		1	
Organic Chemistry									2		2											
Physical Chemistry																			1		1	
Atmospheric Sciences & Meteorology	11		1		12						12		1				1				1	
Geology	7		4		11					5	16											
Geophysics & Seismology	3		3		3						3		2				2				2	
Paleontology										5	5											
Metallurgy	5				5						5		4				4				4	
Mineralogy																						
Acoustics																						
Astrophysics																						
Solid State Physics																						
Space Physics																						
Space & Planetary Physics																						
Theoretical Physics																						
Psychology																						
Psychology, General	4		12	2	16	2			7	3	23	5	5	2	9		14	2	5		19	2
Clinic Psychology																			1		1	
Psychology for Counseling (Psychology Majors Only)																						
Social Psychology																			1		1	
School Psychology																			1		1	

[a]Includes one Master of Philosophy degree, which is the equivalent of a doctoral degree without a dissertation.

TABLE 10 (Cont.)

Major Field of Study	Master's										Doctor's									
	U of U		USU		Total Public		Westminster		BYU		Total		U of U		USU		Total Public		BYU		Total	
	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W	M	W
Public Affairs & Services																						
Public Administration									78		78											
Social Work & Helping Services	66	32			66	32					66	32	5				5				5	
Community Services, General									7		7											
Social Sciences																						
Social Sciences, General			2		2						2											
Anthropology	2	2			2	2					2	2		1				1				1
Economics	2				2						2		6				6				6	
History	7	3	8		15	3			5		20	3	3				3		2		5	
Geography	3	2			3	2			7		10	2										
Political Science & Government	4		8	2	12	2			7		19	2	3				3				3	
Sociology	3	1	6		9	1			3		12	1	4		3	1	7	1			7	1
Archaeology									3		3											
Theology																						
Religious Education									4		4								1		1	
Ancient Scripture									1		1											
Church History & Doctrine									6		6								1		1	
Total	730	226	382	85	1112	311			591	155	1703	466	183	31	121	7	314	38	98	10	412	48
	956		467		1423				746		2169		224		128		352		108		460	

Source: HEGIS Report 1972-73.

TABLE 17

Utah System of Higher Education

Degrees and Awards Based on Less Than Four Years of Work Beyond High School By Institution, 1972-73

Curriculum	U of U	USU	WSC	SUSC	Snow	Dixie	CEU	UTC Provo	UTC Salt Lake	Total Public	BYU	LDS Bus. Coll.	Stevens-Henager College	Total Private	Total Public Private
CURRICULUMS OF TWO OR MORE YEARS BUT LESS THAN FOUR YEARS															
Work wholly or chiefly creditable toward a bachelor's degree															
Associate degree	12		271		124	222	80	10		719	350			350	1,069
Other formal recognition	38			52	–	–		–		90	–				90
Total	50		271	52	124	222	80	10		809	350			350	1,159
Work not wholly or chiefly creditable toward a bachelor's degree															
Associate degree					11	–	27	128	149	315	–	116	137	253	568
Other formal recognition	9		22		3	12		135	138	319	–	–	–	–	319
Total	9		22		14	12	27	263	287	634	–	116	137	253	887
Total curriculums of two or more years	59		293	52	138	234	107	273	287	1,443	350	116	137	603	2,046
CURRICULUMS OF AT LEAST ONE YEAR BUT LESS THAN TWO YEARS	–		107	39	26	–	18	163	458	811	–	40	108	148	959
CURRICULUMS OF LESS THAN ONE YEAR'S DURATION	–		1,344	–	20	–	5	1,268	1,950	4,587	–	34	32	66	4,653
Total all curriculums of less than four years beyond high school	59		1,744	91	184	234	130	1,704	2,695	6,841	350	190	277	817	7,658

Sources: HEGIS Report, 1972-73.
HEGIS Report, 1972-73, Addendum prepared by the Office of the Commissioner.

TABLE 18

Utah System of Higher Education

Associate Degrees Conferred, Utah Public and Private Institutions, 1964-65 Through 1972-73, By Institution

Institution	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73
System Institutions:									
University of Utah	2	2	16	1	–	2	16	1	12
Utah State University	–	–	–	–	–	–	–	–	–
Weber State College	126	140	141	123	148	183	202	258	271
Southern Utah State College	149	4	1	–	–	–	–	–	–
Snow College	109	120	129	137	190	211	169	192	135
Dixie College	104	117	180	187	194	187	233	260	222
College of Eastern Utah	102	71	131	143	160	143	139	166	107
Utah Technical College at Provo	–	–	–	22	82	102	99	114	138
Utah Technical College at Salt Lake	–	–	–	–	168	198	207	152	149
Totals for system institutions	592	454	598	613	942	1,026	1,065	1,143	1,034
Yearly percentage increase	5.9%	-23.4%	31.7%	2.5%	53.6%	8.9%	3.8%	7.3%	-9.5%
Private Institutions:									
Brigham Young University	62	125	179	189	150	152	224	235	350
LDS Business College	19	31	42	60	74	74	91	118	116
Stevens Henager College	43	62	55	79	81	117	96	97	137
Totals for private institutions	124	218	276	328	305	343	411	450	603
Yearly percentage increase	85.1%	75.8%	26.6%	18.8%	-7.0%	12.5%	19.8%	9.5%	34.0%
Total Associate Degrees awarded in Utah	716	672	874	941	1,247	1,369	1,476	1,593	1,637
Yearly percent increase for all Utah institutions	14.4%	-6.1%	30.1%	7.7%	32.5%	9.8%	7.8%	7.9%	2.8%

Note: No associate degrees are offered at Utah State University or Westminster College.
Source: HEGIS Reports, 1964-65 to 1972-73.

TABLE 19

Utah System of Higher Education

Degrees and Awards Based on Less Than Four Years of Work Beyond High School
—Curriculums of Two or More But Less Than Four Years—
Work Wholly or Chiefly Creditable Toward a Bachelor's Degree, 1972-73

Curriculums	U of U		USU		WSC		SUSC		SNOW		DIXIE		CEU		UTC/Provo		TOTAL PUBLIC		BYU		TOTAL	
	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition
ARTS AND SCIENCE OR GENERAL PROGRAMS NOT ORGANIZED AS OCCUPATIONAL CURRICULUMS																						
Total Section I					89				124		179		88		19		479		142		621	
SCIENCE OR ENGINEERING RELATED OCCUPATIONAL CURRICULUM AT THE TECHNICAL OR SEMI-PROFESSIONAL LEVEL																						
Data Processing Technicians																						
Data Processing Tech nicians, General		2			5												5	2	1		7	2
Health Services and Paramedical Technologies																						
Radiologic Technologies					71												71		72		143	
Nursing, R.N.																						
Inhalation Therapy Technologies					11												11				11	
Mechanical and Engineering Technologies																						
Mechanical and Engineering Technologies, General					1												1				1	
Aeronautical and Aviation Technologies											10						10				10	
Engineering Graphics					8												8				8	
Architectural Drafting Technologies							4				3						7	4	2		9	4
Chemical Technologies																			1		1	
Automotive Technologies					1		1				5						6	1			6	1
Medical or biological laboratory assistant technologies					4												4				4	
Diesel Technologies					2												2				2	
Mechanical Technologies		1																1				1
Traffic Engineering		1																1				1

Curriculums	WSTC		NSTC		NMSC		SMSTC		OHSTC		CSU		UTC/Provo		TOTAL PUBLIC		BYU		TOTAL	
	Assoc. Degree	Other Formal Recog nition	Assoc. Degree	Other Formal Recog nition	Assoc. Degree	Other Formal Recog nition	Assoc. Degree	Other Formal Recog nition	Assoc. Degree	Other Formal Recog nition	Assoc. Degree	Other Formal Recog nition	Assoc. Degree	Other Formal Recog nition	Assoc. Degree	Other Formal Recog nition	Assoc. Degree	Other Formal Recog nition	Assoc. Degree	Other Formal Recog nition
Civil Technologies		2						1								2				3
Electronics and Mechanics Technologies		5			21						2				23	5	7		30	5
Industrial Technologies																				
Construction and Building Technologies								4								4	2		2	4
Metal Fabrication Technologies								8								8				8
Chemical and Metallurgical Engineering Technologies																				
Agricultural Mechanization																				
Natural Science Technologies Agriculture Technologies																				
Home Economics Technologies					1						12				13		28		41	
Total Section II		12			126			18			35				160	39	115		275	39
NONSCIENCE AND NONENGINEERING RELATED ORGANIZED OCCUPATIONAL CURRICULUMS AT THE TECHNICAL OR SEMI-PROFESSIONAL LEVEL																				
Business and Commerce Technologies																				
Business and Commerce Technologies, General											2				2		2		4	
Accounting Technologies		2														2				2
Marketing, Distribution, Purchasing, Business, and Industrial Management Technologies		23			22										22	23			22	23
Secretarial Technologies					25			7			6				30	7	84		84	7
Photography Technologies																	1		1	
Applied Arts, Graphic Arts, and Fine Arts Technologies																				

Curriculums	U of U		USU		WSC		SUSC		SNOW		DIXIE		CEU		UTC/Provo		TOTAL PUBLIC		BYU		TOTAL	
	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition
Public Service Related Technologies Education Technology								13										13				13
Library Assistant Technologies																			6		6	
Police, Law Enforcement, Corrections Technologies					13			14									13	14	6		19	14
Family Life Technologies					1												1				1	
Genealogy Research Technologies																			13		13	
Industrial Relations Technologies		1																1				1
Total Section III		26			52			34			5						48	60	52		100	60
Total Sections I, II, and III		38			271			52	124		221		80		10		706	80	350		1,056	80

Source: HEGIS Report, 1972-73.

TABLE 20

UTAH SYSTEM OF HIGHER EDUCATION

Degrees and Awards Based on Less Than Four Years of Work Beyond High School – Curriculums of Two or More But Less Than Four Years – Work Not Wholly or Chiefly Creditable Toward A Bachelor's Degree, 1972-73.

Curriculums	U of U		WSC		Snow		Dixie		CEU	
	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition
ARTS AND SCIENCE OR GENERAL PROGRAMS, NOT ORGANIZED AS OCCUPATIONAL CURRICULUMS										
Total Section 1							1*			
SCIENCE OR ENGINEERING-RELATED ORGANIZED OCCUPATIONAL CURRICULUMS AT THE TECHNICAL OR SEMI-PROFESSIONAL LEVEL										
Data Processing Technologies										
Data Processing Technologies, General										
Computer Programmer Technologies										
Health Services and Paramedical Technologies										
Radiologic Technologies		9								
Nursing, Practical (LPN or LVN)										
Psychiatric Technologies										
Mechanical & Engineering Technologies										
Mechanical & Engineering Technologies, General				1						
Aeronautical & Aviation Technologies								6		
Engineering Graphics										
Architectural Drafting Technologies					2	1				
Automotive Technologies				17	1			3	2	
Diesel Technologies				4						

* A.A.S. – 102 hours all creditable toward a bachelor's degree.

UTC Provo		UTC Salt Lake		Total Public		LDS Bus. Coll.		Stevens-Henge		Total Private		Total All	
Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition	Assoc. Degree	Other Formal Recog-nition
				1								1	
2		8	6	10	6			14		14		24	6
						7				7		7	
					9								9
	15				15								15
14				14	1							14	1
					6								6
		10	2	10	2							10	2
		12	4	14	5							14	5
6	35	15	38	24	93							24	93
3	22	6	23	9	48							9	48

TABLE 20 (cont.)

Curriculums	U of U		WSC		Snow		Dixie		CEU	
	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition	Assoc. Degree	Other Formal Recognition
Mechanical & Engineering Technologies Cont.										
Welding Technologies						1			2	
Electronics & Machine Technologies					1	1				
Electromechanical Technologies										
Instrumentation Technologies										
Mechanical Technologies										
Construction & Building Technologies										
Civil Engineering Technology									3	
Other Instrument Repair										
Electrical & Instrumentation Technologies										
Machine Shop									3	
Natural Science Technologies										
Agriculture Technologies										
Home Economics Technologies								2		
Total Section 2		9		22	4	3		11	18	
NONSCIENCE- / NONENGINEERING-RELATED ORGANIZED OCCUPATIONAL CURRICULUMS AT THE TECHNICAL OR SEMI-PROFESSIONAL LEVEL										
Business & Commerce Technologies										
Business & Commerce Technologies, General										
Accounting Technologies									8	
Marketing, Distribution, Purchasing, Business, & Industrial Management Technologies										
Secretarial Technologies					4			1	7	
Personal Service Technologies									4	
Photography Technologies										
Communications & Broadcasting Technologies(Radio, Television News)										
Printing & Lithography Technologies										
Hotel & Restaurant Management Technologies										
Transportation & Public Utility										
Applied Arts, Graphic Arts, & Fine Arts Technologies										
Agri-business					3					
Public Service Related Technologies										
Public										
Total Section 3					7			1	12	
Total Sections 1, 2, & 3		9		22	11	3	1	12	27	

Source: HEGIS Report, 1972-73.

UTC Provo		UTC Salt Lake		Total Public		LDS Bus. Coll.		Stevens-Henge		Total Private		Total All	
Assoc. Degree	Other Formal Recog. nition	F Assoc. Degree	Other Formal Recog. nition	Assoc. Degree	Other Formal Recog. nition	Assoc. Degree	Other Formal Recog. nition	Assoc. Degree	Other Formal Recog. nition	Assoc. Degree	Other Formal Recog. nition	Assoc. Degree	Other Formal Recog. nition
2	5	1	15	5	21							5	21
26		34	9	61	10							61	10
9	36	5	20	114	56							14	56
				3								3	
	4				4								4
23	13			23	13							23	13
2	4			5	4							5	4
					2								2
87	134	99	117	200	296	7		14		21		221	296
1		47		48		4				4		52	
4	1			10	1	26		55		81		91	1
25				25		12		33		45		70	
10		1		22	1	49		35		84		106	1
				4								4	
													21
1				1								1	
		2	21	2	21	18				18		20	21
				3								3	
41	1	50	[illegible]	115	23	109		123		232		347	23
128	138	148	138	316	319	116		137		253		569	319

TABLE 21

Utah System of Higher Education

Awards Based on Less Than Four Years of Work Beyond High School– Curriculums of At Least One Year, But Less Than Four Years, 1972-73

Curriculums	SUSC	WSC	Snow	Dixie	CEU	UTC Provo	UTC Salt Lake	Public Total	LDS Business College	Stevens Henager College	Total Private	Total Public & Private
ARTS AND SCIENCE OR GENERAL PROGRAMS' NOT ORGANIZED AS OCCUPATIONAL CURRICULUMS												
Total, Section 1												
SCIENCE– OR ENGINEERING–RELATED ORGANIZED OCCUPATIONAL CURRICULUMS AT THE TECHNICAL OR SEMI-PROFESSIONAL LEVEL												
Data Processing Technologies												
Data Processing Technologies, General												
Health Services and Paramedical Technologies												
Dental Assistant Technologies						36		36				36
Radiologic Technologies												
Nursing, Practical		81			12	61	96	251				251
Medical Receptionist						26		26				26
Mechanical & Engineering Technologies												
Aeronautical and Aviation Technologies												
Engineering Graphics							21	21				21
Automotive Technologies			16				6	22				22
Welding Technologies	1	8			2			11				11
Electronics and Machine Technologies							4	4				4
Instrumentation Technologies												
Architectural Drafting Technologies	3							3				3
Small Engine Repair							20	20				20

Curriculum	SUSC	WSC	Snow	Dixie	CEU	UTC Provo	UTC Salt Lake	Public Total	LDS Business College	Stevens Henager College	Total Private	Total Public & Private
Construction and Building Technologies	14						123	137				137
Machine Shop							29	29				29
Auto Body Repair & Paint												
Mine Mechanics Professional Driving						4		4				4
Total, Section 2	18	89	16		15	127	299	564				564
NONSCIENCE - AND NONENGINEERING-RELATED ORGANIZED OCCUPATIONAL CURRICULUMS AT THE TECHNICAL OR SEMI-PROFESSIONAL LEVEL												
Business and Commerce Technologies												
Business and Commerce Technologies General						11		11		21	21	32
Accounting Technologies							32	32	14		14	46
Marketing, Distribution, Purchasing, Business, and Industrial Management Technologies		1					13	14		5	5	19
Secretarial Technologies	21		10		3	26	84	143	26	82	108	251
Personal Service Technologies		17					20	37				37
Printing and Lithography Technologies							10	10				10
Public Service Related Technologies												
Professional Driving												
Total Section 3	21	18	10		3	36	159	247	40	108	148	395
Total Sections 1, 2, & 3	39	107	26		18	163	458	811	40	108	148	959

Source: HEGIS Report, 1972-73.

TABLE 22

Utah System of Higher Education
Formal Recognition for Short-Course Completions of Less Than One Year's Duration
Public and Private Institutions 1972-73

Curriculums	WSC	CEU	UTC Provo	UTC Salt Lake	Public Total	LDS Business College	Stevens Henager College	Total Private	Total Public & Private
ARTS AND SCIENCE OR GENERAL PROGRAMS, NOT ORGANIZED AS OCCUPATIONAL CURRICULUMS									
Total, Section 1									
SCIENCE OR ENGINEERING RELATED ORGANIZED OCCUPATIONAL CURRICULUMS									
Data Processing				20	20				20
Keypunch Operator & Other Input Preparation				57	57	5	32	37	94
Basic Computer Concepts				10	10				10
Cobol Programming									
Health Services & Paramedical									
Nursing (Nurse's Aide)		5		134	130				130
Hospital Ward Clerk				37	37				37
Operating Room Technician				30	30				30
First Aid									
Radiologic (X-Ray, etc.)			23		23				23
Medical Terminology				13	13				13
Mechanical and Engineering									
Automotive				100	100				100
Diesel				19	19				19
Welding				260	260				260
Electromechanical									
Instrumentation									
Mechanical				109	109				109
Engineering Graphics				23	23				23
Architectural Drafting				24	24				24
Chemical (includes Plastics)									
Drapery	25				25				25
Metallurgy									
Manufacturing Applications									
OSHA	30				30				30

Curriculums	WSC	CEU	UTC Provo	UTC Salt Lake	Public Total	LDS Business College	Stevens Henager College	Total Private	Total Public & Private
Construction & Building	185			391	550				550
Auto Mechanics for Women				12	12				12
Mine Foreman									
Power Sewing	12		135	71	188				188
Solid State									
Upholstering	25			39	64				64
Highway Engineering Technician									
Mine Electricity									
Driver Education									
Painting & Interior Decoration									
Natural Science									
Natural Science, General									
Aerospace									
Total Section 2	200	5	135	1,358	1,757	5	32	37	1,794
NONSCIENCE- AND NONENGINEERING-RELATED ORGANIZED OCCUPATIONAL CURRICULUMS									
Business & Commerce									
Business & Commerce, General									
Accounting				37	37				37
Banking & Finance				28	28				28
Marketing; Distribution; Purchasing; Business; Industrial; Transportation; Systems, Middle, and Motivation Management	71			161	232				232
Secretarial	230			106	336	29		29	365
Personal Service				44	44				44
Photography	23			45	68				68
Communications & Broadcasting				9	9				9
Printing & Lithography				36	36				36
Hotel & Restaurant Management									
Strategy of Working with People				31	31				31

(cont.)

Curriculums	WSC	CEU	UTC Provo	UTC Salt Lake	Public Total	LDS Business College	Stevens Henager College	Total Private	Total Public & Private
Supervisors as Instructors	65				65				65
Inventory Control									
Labor Relations									
Executive Training for Supervisors	195				195				195
Effective Reading				20	20				20
Business English & Report Writing									
Conversational Spanish									
Salesmanship	19				19				19
Homemaker Aides	12				12				12
National Executive Housekeepers	27				27				27
Applied, Graphic & Fine Arts				59	59				59
Instructional Media				11	11				11
Public Service Related									
Public Service, General	10				10				10
Education (Day Care)									
Police, Law Enforcement, Corrections	159				159				159
Fire Control			359		359				359
Traffic Management									
Industrial Security									
Driver Education			781		781				781
Day Care	27				27				27
Child Development	240				240				240
Total, Section 3	1,078		1,140	592	2,810	29		29	2,839
Total, Sections 1, 2, & 3	1,344	5	1,268	1,960	4,567	34	32	66	4,633

Source: HEGIS Report 1972-73
Addendum prepared by the Office of the Commissioner

TABLE 23

Utah System of Higher Education

Number of Teachers Recommended for Certification Classified by Level and Institution, 1962 Through 1972

Institution		1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973*
Southern Utah State College	Elementary	63	67	70	70	54	46	64	58	63	57	56
	Secondary	—	—	—	30	47	57	74	71	68	94	110
	Ungraded	—	—	—	—	—	—	—	1	1	1	—
	Total	63	67	70	100	101	102	138	130	132	152	166
	Early Childhood										1	13
University of Utah	Elementary	140	152	159	170	158	184	213	268	241	182	202
	Secondary	201	256	263	274	248	318	303	323	301	302	372
	Ungraded	—	—	—	95	—	50	116	—	130	42	92
	Total	341	408	422	539	406	552	632	591	672	527	679
Utah State University	Elementary	215	184	173	236	252	227	258	261	242	216	170
	Secondary	300	327	368	416	414	364	367	389	419	344	261
	Ungraded	—	—	—	—	16	29	42	26	26	28	30
	Total	515	511	546	652	682	620	667	676	687	588	461
Weber State College	Elementary	—	62	64	85	97	88	131	117	106	81	90
	Secondary	—	78	80	109	118	106	138	142	108	117	120
	Ungraded	—	—	—	—	—	—	1	—	—	—	—
	Total	—	140	144	194	215	194	270	259	214	198	210
	Early Childhood										1	13
Total State Institutions	Elementary	418	465	471	561	561	544	666	704	651	536	518
	Secondary	501	661	711	829	827	845	882	925	897	857	863
	Ungraded	—	—	—	95	16	79	159	27	157	71	122
	Total	919	1,126	1,182	1,485	1,404	1,468	1,707	1,656	1,705	1,465	1,516

TABLE 23 (cont.)

Brigham Young University	Elementary	272	350	401	370	400	478	420	645	655	618	583
	Secondary	418	450	611	504	623	650	707	718	805	740	760
	Ungraded	—	—	—	31	77	65	99	117	176	100	112
	Total	690	800	1,012	905	1,100	1,193	1,226	1,480	1,636	1,458	1,455
Westminster College	Elementary	12	6	7	11	10	16	14	10	24	16	22
	Secondary	10	9	8	8	10	11	20	14	14	18	26
	Total	22	15	15	19	20	27	34	24	38	34	48
	Early Childhood										1	13
Total All Institutions	Elementary	702	821	879	942	971	1,038	1,100	1,359	1,330	1,170	1,123
	Secondary	929	1,120	1,330	1,341	1,460	1,506	1,609	1,657	1,716	1,615	1,649
	Ungraded	—	—	—	126	93	144	258	144	333	171	234
	Total	1,631	1,941	2,209	2,409	2,524	2,688	2,967	3,160	3,379	2,957	3,019
Percent Change Over Previous Year		5.8	19.0	13.8	9.1	4.8	6.5	10.4	6.5	6.9	−12.5	2.1

* Estimated.

Source: Utah, State Board of Education, Status of Teacher Personnel in Utah, 1972-73 (Salt Lake City: Utah State Board of Education, 1973, p. 106.)

TABLE 24

Utah System of Higher Education

Number of Elementary and Secondary Teachers Who Graduated from Colleges And Universities in Utah and Who Accepted Teaching Positions in Utah, 1970-71 and 1971-72

Name of Institution	Number Recommended for Certificate		Number Teaching in State		Percent Accepting Positions in Utah	
	1971-72	1970-71	1971-72	1970-71	1971-72	1970-71
University of Utah	527	672	205	288	39.5%	42.9%
Utah State University	588	687	171	195	29.1	28.4
Weber State College	198	214	124	129	62.6	60.3
Southern Utah State College	152	132	45	33	29.6	25.0
Brigham Young University	1,458	1,636	451	430	30.9	26.3
Westminster College	34	38	6	26	17.7	68.4
Total	2,957	3,379	1,005	1,101	34.0%	32.6%

Source: Utah, State Board of Education, Status of Teacher Personnel in Utah, 1972-73 (Salt Lake City: Utah State Board of Education, 1973), p. 109.

TABLE 25

Utah System of Higher Education

Number of Students Graduating from Utah Institutions of Higher Education In Elementary and Secondary Education and Percent Accepting Teaching Positions in Utah, 1957-58 Through 1971-72

Year	Number of Institutions	Number of Graduates in Elem. & Sec. Education	Accepted Teaching Positions in Utah	
			Number	Percent
1957-58	5 –	1,519	747	49
1958-59	5 –	1,459	761	52
1959-60	5 –	1,678	841	50
1960-61	5 –	1,578	732	46
1961-62	5 –	1,541	836	54
1962-63	5 –	1,621	896	55
1963-64	6 –	1,941	1,052	55
1964-65	6 –	2,209	1,175	53
1965-66	6 –	2,409	1,319	55
1966-67	6 –	2,524	1,236	49
1967-68	6 –	2,688	1,245	46
1968-69	6 –	2,967	1,239	42
1969-70	6 –	3,160	1,041	33
1970-71	6 –	3,379	1,101	33
1971-72	6 –	2,957	1,005	34
Total		33,630	15,226	45%

Source: Utah, State Board of Education, Status of Teacher Personnel in Utah, 1972-73 (Salt Lake City: Utah, State Board of Education, 1973), p. 109.

IV. Budgets and Finance

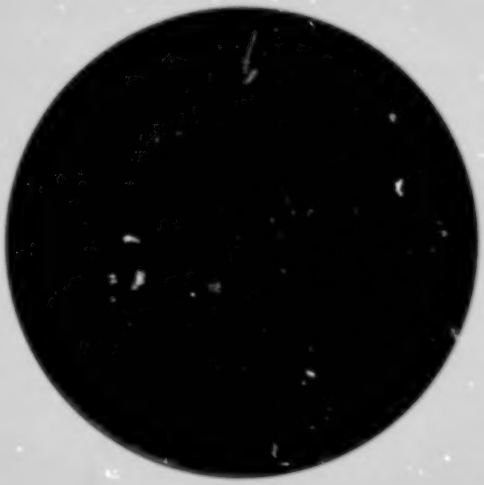
Dramatic Challenge

The financial impact of stable or decreasing enrollments challenges higher education systems with broad financial bases. In Utah, where public institutions have always "scrimped and scraped" to finance a basic program, the slight enrollment decrease reported in 1972-73 offered a more dramatic challenge.

Steadily increasing enrollments and fairly high tuition rates, ingenious management and procurement of federal support, have enabled Utah institutions to build an unusual and effective higher education system, despite comparatively low levels of state appropriation. (See Figure 1)

Figure 1. Legislative Appropriations 1972-73

	Millions
Public education (Elementary & Secondary)	$144.3*
Other regular agencies	73.3
Other education	
Social services	
Natural resources	
Development services	
Judiciary	
Legislature	
Executive and administrative	
Other general fund	
Higher education	57.2
Special purposes	32.2
Local school buildings	
State buildings	
Jordan River parkway	
Utah Tech.—Provo	
Total	$307.0



Utah System of Higher Education Appropriations General and Uniform School Funds, Percent and Dollar Distribution, State of Utah, 1972 73

*Includes $11.6 million transfer from the General Fund
Source: Utah Foundation, Report No. 325, November 1973

Heavier Tax Payments

Utah citizens have taxed themselves heavily to support the higher education enterprise, paying a heavier portion of their tax dollar in support of higher education than the residents of most other states.[1]

With low per capita income, however, the great effort from the Utah taxpayer only generated enough revenue to make Utah a low 46th in the number of dollars appropriated per student in attendance at public higher education institutions within its boundaries. (See Figure 2)

Ranking of
Legislative Appropriations
per F.T.E.* Student,
by State, 1970-71

[1] In 1971-72, the Utah taxpayer had to pay $13.38 per capita of each $1,000 of personal income. The average American paid only $9.11. In the survey Utah ranked 9th; Hawaii was first with $17.12; and New Hampshire was last with $4.50. The figures were recalculated with 1971-72 data from original report of the Office of Research Information, NASULGC "FYI" Circular Number 173, March 13, 1972. Most recent information sources include: U. S. Department of Commerce, "Survey of Current Business," August, 1971, and M. M. Chambers, "Appropriations of State Tax Funds for Operating Expenses of Higher Education, 1971-72," p. 5.

Figure 2. Appropriations per Student

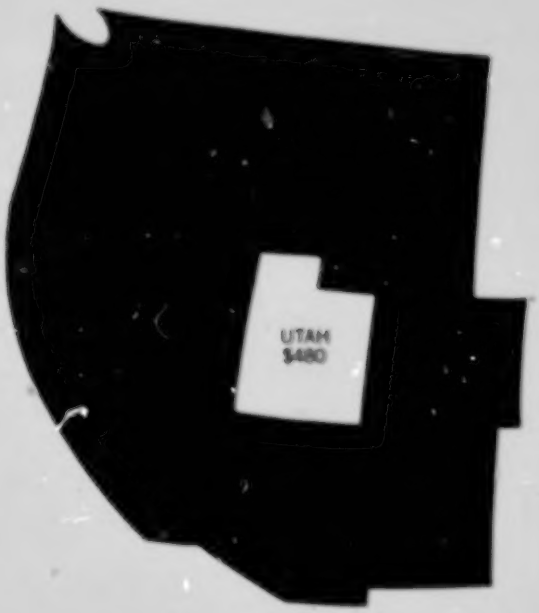
*Full Time Equivalent

SOURCE: Circular Number 173, "FYI", National Association of State Universities and Land-Grant Colleges, March 13, 1972

To make up the necessary funding for quality programs, Utah institutions have charged high tuitions, benefitted from ever-increasing enrollments, and, particularly in the case of its Universities, successfully competed for other means of support.

In 1972-73 there was no enrollment increase to help boost revenues over the preceding year. Utah institutions also had reached a point where any tuition increase carried with it the prospect of a net reduction in revenues from student fees. Many speculated that any further increase in tuition might drive enough students from higher education to offset anything which might be gained by imposing higher fees. (See Figure 3)

Figure 3. Fee Comparisons



Basic Fees Charged Resident Students, U of U, and Comparable Universities, 1972-73

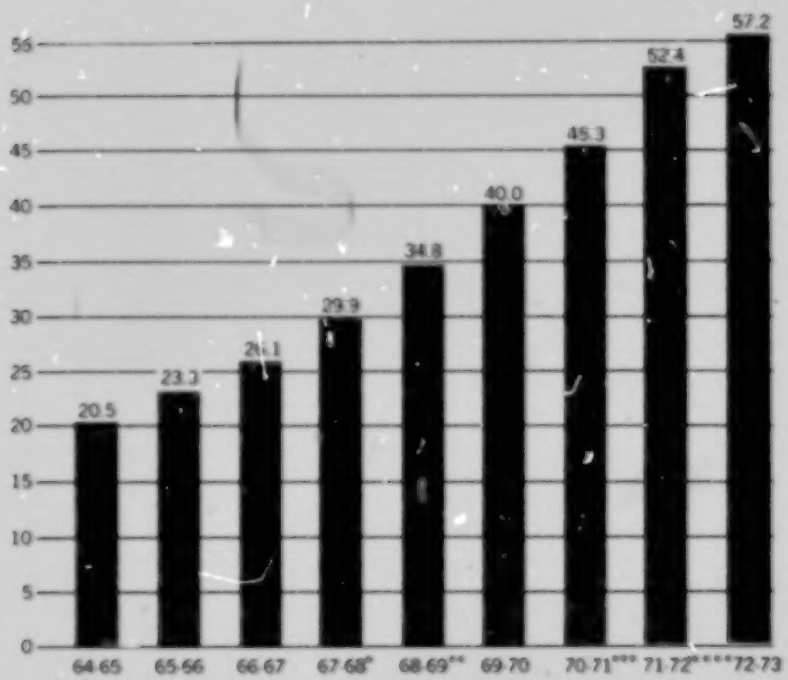
SOURCE: Tuition and/or Required Fees at Member Institutions of the National Association of State Universities and Land-Grant Colleges, 1972-73

Inflation's Impact

Inflation added further complications to the budget problem. Even with the healthy appropriation increase which had raised higher education budgets to an all-time high, rising fixed costs devoured any flexibility. (See Figure 4)

Halfway through the year, the Board appeared before the Legislature to budget for the coming fiscal year. The Legislature approved a $65.6 million appropriation for 1973-74. That increase appears to have been barely enough to meet the anticipated fixed cost obligations and maintain the institutions.

Figure 4. Increasing System Appropriations



General Fund Appropriations in Millions of Dollars—1964-65 through 1972-73

*Includes 4% reduction by State action
**Includes 3% reduction by State action
***Original appropriation before 2% reduction by State action
****Includes deficit appropriations (1) to the University Hospital $1.9 million and (2) Dixie College $55,000

SOURCE: *Legislative Budget Recommendations Utah System of Higher Education, 1971-72 through 1973-74*, and *Financing Higher Education in Utah*, Coordinating Council of Higher Education, years 1964-65 through 1969-70

A solution to the budget crunch proposed by some, called for the release of faculty members in proportion to the loss of students at each institution. When that solution was more closely analyzed, it appeared impracticable.

The level of enrollment decline meant that only one or two students would be taken from any particular instructional section. Collapsing sections on the basis of a one-or-two student decline was out of the question.

Restricting Programs

At the smaller institutions, where skeletal faculties already carried the load, dismissing instructors meant restricting program offerings. It came right down to deciding whether or not to dismiss teachers who were vital to an institution's existence.

These financial pressures left the Board with no other choice than to intensify its continuous effort in analyzing how each institutional dollar would be spent in a given year.

Early in 1972-73, the Office of the Commissioner completed the study of two critical areas. In the first, standardizing and uniformly reporting physical plant costs was the target. It pointed out areas where each institution should adjust to more uniform accounting. Suggestions were also made as to how physical plant costs could be brought under more rigid institutional control. This report and analysis continues on a yearly basis.

Research costs, including the use and expenditure of reimbursed overhead, was the second area of extensive study. The resulting Research Overhead Reimbursement Policy not only prescribed the use and dispersal of reimbursed overhead funds, but also set up a mechanism for monitoring the costs and directions of institutional research programs.

Account Examinations

To promote further fiscal accountability statewide, the Board also initiated an internal account examination procedure. Through internal auditors, the Board stays in touch with the internal control and expenditure systems for which each President is responsible.

The account examination policy paralleled development of the Board's adoption of a uniform investment policy, establishing guidelines under Utah law for the investment of funds under the immediate control of institutional councils.

While Utah ranks behind the rest of the United States in the dollars it appropriates to its higher education students, the Board of Higher Education is committed to see that all expenditures are made to maintain, and wherever possible enhance, the quality of work offered in Utah's state universities and colleges.

Basic financial data on the Utah System of Higher Education follows in the appended tables.

Tables

TABLE 1 Revenue and Expenditures for Board Administration and Statewide Programs, 1972-73. p. 92

TABLE 2 Summary of General Fund Appropriations (Including All Line Items) 1967-68 Through 1972-73. p. 93

TABLE 3 Revenue for Operations, By Institution, 1970-71 Through 1972-73. p. 94

TABLE 4 Expenditures for Operations, By Institution, 1970-71 Through 1972-73. p. 94

TABLE 5 Total Revenues for Education and General, By Institution, 1970-71 Through 1972-73. p. 96

TABLE 6 Total Student Credit Hours Produced, By Institution, 1967-68 Through 1971-72. p. 97

TABLE 7 Cost of Student Credit Hours Produced By Institution, 1967-68 Through 1972-73. p. 98

TABLE 1

Utah System of Higher Education

Revenue and Expenditures for Board Administration And Statewide Programs, 1972-73

Administration Revenue	Administration	Uniform Accounting
Appropriation	$411,100	$80,000
Salary Adjustment Increase	8,803	
Total Appropriation	419,903	80,000
Federal Funds		
Veterans Administration	31,399	
Title I Administration	15,500	
Total Funds Available	$466,802	$80,000
Expenditures		
Personal Services		
Salaries	$295 001	
Board Per Diem	6,712	
Total	301,713	
Employee Benefits	36,878	
Total Personal Services & Benefits	338,591	
Current Operating Expense	66,750	$80,000
Travel	15,612	
Capital Outlay	2,234	
Total Expenditures	$423,187	$80,000
Unexpended Balance to Revert to State	$ 43,615	0

STATEWIDE PROGRAMS Revenue	Student Loans	Interstate Cooperation	Statewide Television	Cooperative Nursing
Appropriation	$150,000	$88,800	$497,000	$225,000
Expenditures				
University of Utah	$ 59,370			
Utah State University	46,395			
Weber State College	13,845			
Southern Utah State College	13,005			
Dixie College	2,570			
Snow College	2,630			
College of Eastern Utah	695			
Utah Technical College – SL	9,090			
Utah Technical College – Provo	2,400			
Dues		$15,000		
Student Exchange Fees		73,800		
Statewide Television			$ 60,081	
University of Utah – KUED			290,000	
University of Utah – County Translator System			63,000	
Utah State University			94,500	
University of Utah and Weber State College				$ 94,000
Weber State College and Utah State University				81,000
Weber State College and Utah Technical College – SL				50,000
Total Expenditures	$150,000	$88,800	$497,581	$225,000
Balance to Revert to State	0	0	319	0

TABLE 2

Utah System of Higher Education

Summary of General Fund Appropriations (Including All Line Items) 1968-69 Through 1972-73

Institution	1968-69	1969-70	1970-71	1971-72	1972-73
U of U	$17,678,574	$18,923,200	$21,469,000	$25,402,000[8]	26,346,000
USU	8,903,196	10,115,000	11,169,000	12,474,000	13,459,100
WSC	4,127,044	4,925,000[5]	5,375,000	6,074,000	6,884,300
SUSC	1,284,465	1,491,000	1,655,000	1,925,000	2,179,700
Snow	530,686	672,000	736,000	846,000	1,001,100
Dixie	574,173	615,000	804,000	949,000[9]	1,069,891
CEU	441,280	488,000	545,000	638,000	785,900
UTC/P	753,361	825,000	895,000	1,069,000	1,409,400
UTC/SL	1,015,082	1,365,000	1,603,000	1,826,000	2,627,200
Board of Higher Education					
Administration[1]	147,000	200,000	338,000	434,000[7]	419,853
Statewide Programs[2]	436,500	380,800	731,000	740,000	1,021,700
USHE Total	$35,891,361[4]	$40,000,000	$45,320,000[6]	$52,377,000	57,204,144

[1] Appropriated by the Coordinating Council of Higher Education in years 1967-68, 1968-69.
[2] Includes: Title I, Veteran's Benefits, Student Loan, E.T.V., WICHE, Contingency Account, Computer Science and Uniform Accounting System.
[3] Original appropriation prior to a 4% reduction by State action.
[4] Original appropriation prior to a 3% reduction by State action.
[5] Includes $50,000 allocated to the State Board and then re-allocated to Weber for a Police Science Program.
[6] Original appropriation prior to a 2% reduction by State action.
[7] An additional $4,512 was later appropriated for merit system salary improvement.
[8] Includes $1,900,000 deficit appropriation made by the 1972 Legislature for FY 1971-72 for the University of Utah Hospital.
[9] Includes $55,000 deficit appropriation made by the 1972 Legislature for FY 1971-72.

Source: Laws of Utah.

TABLE 3

Utah System of Higher Education

Revenue for Operations, By Institution, 1970-71 Through 1972-73

Institution	General Fund Appropriations	%	1970-71 Actual Other Operating Revenue	%	Total (100%)
U of U	$20,980,800	27	$56,455,831	73	$ 77,436,631
USU	10,986,235	39	16,774,718	61	27,760,953
WSC	5,267,500	51	5,031,571	49	10,299,071
SUSC	1,619,570	55	1,351,909	45	2,971,479
Snow	738,180	66	383,179	34	1,121,359
Dixie	800,920	58	579,167	42	1,380,087
CEU	534,100	63	324,950	37	859,050
UTC/P	877,100	51	828,147	49	1,705,247
UTC/SL	1,570,940	61	1,007,441	39	2,578,381
Board of Higher Education					
Administration	346,714	89	41,464	11	388,178
Statewide Program	661,001	98	10,180	02	671,181
USHE Total	$44,383,600	35	$82,788,557	65	$127,171,617

[1]Balance of Appropriation lapsed.

Source: Institutional Budget Requests

TABLE 4

Utah System of Higher Education

Expenditures for Operations, By Institution, 1969-70 Through 1971-72

Institution	Education and General	1970-71 Actual Restricted Funds*	Total
U of U	$30,548,600	$46,888,031	$ 77,436,631
USU	13,588,067	14,172,886	27,760,953
WSC	8,365,816	1,933,453	10,299,269
SUSC	2,316,062	655,417	2,971,479
Snow	978,459	142,900	1,121,359
Dixie	1,250,788	129,299	1,380,087
CEU	744,844	114,206	859,050
UTC/P	1,473,606	231,641	1,705,247
UTC/SL	2,518,631	59,750	2,578,381
Board of Higher Education			
Administration	---	388,178	388,178
Statewide Program	---	671,181	671,181
Total All Institutions			
USHE Grand Total	$61,784,873	$65,386,942	$127,171,815

Source: Institutional Budget Requests

1971-72 Actual					1972-73 Budgeted				
General Fund Appropriation	%	Other Operating Revenue	%	Total 100%	General Fund Appropriation	%	Other Operating Revenue	%	Total 100%
$25,402,000	31	$56,913,422	69	$82,315,422	$26,255,000	29	$ 64,155,241	71	$ 90,410,241
12,474,000	36	21,796,565	64	34,270,565	13,459,100	36	23,618,469	64	34,077,569
6,074,010	48	6,580,781	52	12,654,791	6,884,300	49	7,181,005	51	14,065,305
1,925,000	58	1,410,316	42	3,335,316	2,179,700	60	1,445,393	40	3,625,093
846,000	69	383,964	31	1,229,964	1,001,100	76	315,304	24	1,316,404
949,000	64	541,464	36	1,490,464	1,069,900	64	611,380	36	1,681,280
638,000	62	385,191	38	1,023,191	765,900	66	402,690	34	1,168,590
1,069,000	52	1,000,456	48	2,068,456	1,399,400	51	1,342,589	49	2,741,989
1,826,000	52	1,690,683	48	3,516,683	2,611,200	66	1,359,895	34	3,971,095
407,142	90	43,656	10	450,798	376,298	89	46,889	11	423,187
738,793	100	0	0	738,793	1,021,376	100	—	—	1,021,376
$52,348,935	37	$90,746,498	63	$143,095,433	$57,023,264	36	$100,479,874	64	$157,502,138

1971-72 Actual			1972-73 Budgeted		
Education and General	Restricted Funds	Total	Education and General	Restricted Funds	Total
$33,356,674	$48,958,748	$82,315,422	$35,529,728	$54,880,513	$90,410,241
14,794,449	19,476,116	34,270,565	15,652,417	21,425,152	37,077,569
8,832,630	3,822,151	12,654,781	9,504,831	4,560,474	14,065,305
2,601,887	733,429	3,335,316	2,836,836	788,257	3,625,093
1,058,041	171,923	1,229,964	1,137,100	179,304	1,316,404
1,330,122	160,342	1,490,464	1,462,640	218,640	1,681,280
829,504	193,687	1,023,191	947,950	240,643	1,188,590
1,774,586	294,870	2,068,456	2,390,214	461,775	2,851,989
2,996,639	530,044	3,516,683	3,456,653	514,549	3,971,202
–	450,798	450,798	—	423,187	423,187
–	738,793	738,793	—	1,021,376	1,021,376
$67,564,532	$75,530,901	$143,095,433	$72,918,375	$84,713,870	$157,632,245

TABLE 5

Utah System of Higher Education

Total Revenues for Education and General, By Institution, 1970-71 Through 1972-73

Institution	1970-71 Actual Appropriation	Student Fees	Other	Total	Appropriation
U of U	$17,250,900	$ 7,685,600	$5,612,100	$30,548,600	$19,489,000
USU	8,262,380	3,548,629	1,777,058	13,588,067	9,676,000
WSC	5,267,500	2,195,059	903,257	8,365,816	6,019,000
SUSC	1,602,700	558,108	155,254	7,316,062	1,910,000
Snow	738,180	193,901	43,378	978,459	846,000
Dixie	800,920	374,202	75,666	1,250,788	949,000
CEU	534,100	145,438	65,306	744,844	628,000
UTC/P	877,100	353,339	243,167	1,473,606	1,064,000
UTC/SL	1,570,940	496,854	450,837	2,518,631	1,821,000
Total	$36,904,720	$15,554,130	$9,326,023	$61,784,873	$42,342,000

* Does not include fees from Continuing Education.
Continuing Education revenue is included in Other Revenue.

Source: Institutional Budget Requests

1971-72 Actual			1972-73 Actual			
Student Fees	Other	Total	Appropriation	Student Fees	Other	Total
$8,992,726	$4,874,948	$33,356,674	$21,441,000	$ 9,101,426	$4,987,302	$35,529,728
3,832,837	1,345,612	14,794,449	10,367,959	3,816,800	1,476,658	15,652,417
2,026,472	787,158	8,832,630	6,784,300	2,031,837	688,694	9,504,831
586,472	105,415	2,601,887	2,149,700	545,358	141,778	2,836,836
188,818	23,223	1,058,041	1,001,100	157,222	21,222	1,137,100
329,654	51,468	1,330,122	1,069,900	304,944	87,796	1,462,640
128,289	73,215	829,504	765,900	108,122	73,934	947,956
478,589	231,997	1,774,586	1,399,400	509,137	481,677	2,390,214
612,334	553,306	2,986,639	2,611,200	712,552	132,901	3,456,653
$17,176,191	$8,046,341	$67,564,532	$47,590,459	$17,287,398	$8,040,518	$72,918,376

TABLE 6

Utah System of Higher Education

Total Student Credit Hours Produced, By Institution, 1968-69 Through 1972-73

	1968-69	1969-70	1970-71	1971-72	1972-73
UNIVERSITIES					
University of Utah	791,724	845,194	868,758	928,027	938,361
Utah State University	399,556	379,199	376,586	372,596	393,321
FOUR-YEAR COLLEGES					
Weber State College	338,236	354,275	361,827	319,348	311,959
Southern Utah State College	77,171	77,945	87,550	84,612	78,324
COMMUNITY COLLEGES					
Snow College	41,380	33,014	34,785	32,196	28,207
Dixie College	46,048	44,578	49,011	43,949	44,141
College of Eastern Utah	30,989	30,112	30,866	29,594	24,810
TECHNICAL COLLEGES					
Utah Technical College/Provo	57,368	63,377	73,181	86,932	91,590
Utah Technical College/Salt Lake	94,621	92,476	98,966	118,506	140,662
USHE	1,878,649	1,921,974	1,981,530	2,015,760	2,051,375

Source: Annual Enrollment Analysis, 1972-73
Note: Totals include summer, evening, extension and continuing education, but exclude high school.

TABLE 7

Utah System of Higher Education

Cost of Student Credit Hours Produced*
By Institution, 1967-68 Through 1972-73

	1967-68	1968-69	1969-70**	1970-71**	1971-72**	1972-73**
UNIVERSITIES						
University of Utah	$25.34	$26.95	$33.45	$35.16	$35.91	$37.86
Utah State University	23.57	25.56	32.73	36.08	39.71	39.80
FOUR-YEAR COLLEGES						
Weber State College	17.51	19.05	21.68	23.12	27.66	30.47
Southern Utah State College	20.87	23.26	26.32	28.45	30.75	36.32
COMMUNITY COLLEGES						
Snow College	17.40	18.24	27.91	28.13	32.86	40.31
Dixie College	21.99	21.09	23.68	25.52	30.27	33.14
College of Eastern Utah	20.18	20.17	23.13	24.13	28.03	38.21
TECHNICAL COLLEGES						
Utah Technical College/Provo	21.17	23.62	20.89	20.14	20.83	26.10
Utah Technical College/Salt Lake	17.93	18.09	23.24	25.45	26.20	24.57

*Total Revenues for Education and General divided by Total Student Credit hours produced.

**Includes reimbursed overhead.

Source: Office of the Commissioner as derived from the 1972-73 Institutional Budget Requests and Annual Enrollment Analyses.

V. Planning and Capital Facilities

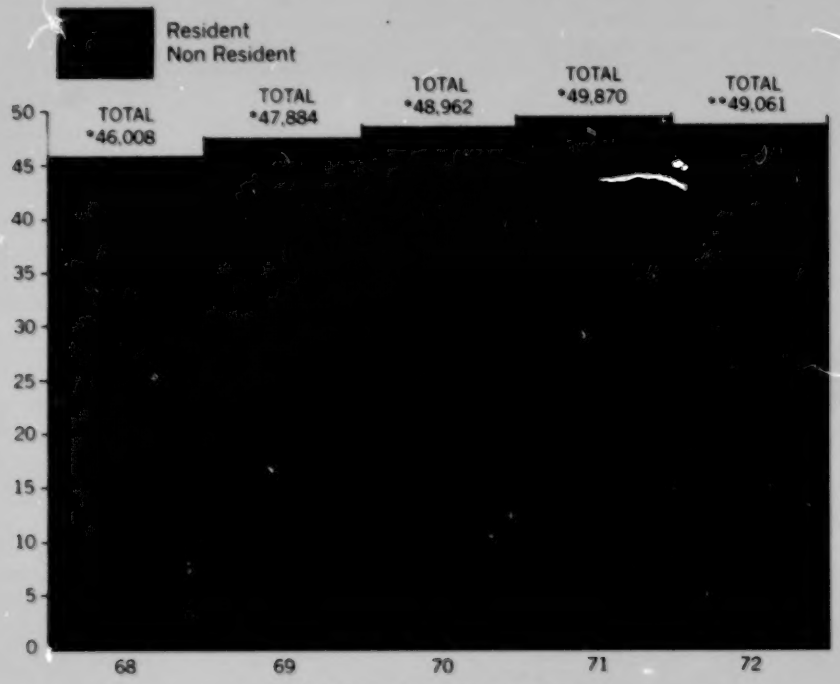
New Era

Utah entered a new era in fiscal year 1972-73. For the first time in more than 25 years, enrollments in the Utah System of Higher Education decreased slightly from the previous year.

Although the system-wide decline only approximated 1 percent for the entire year, the fall term enrollment report showed an overall 2 percent decrease with every institution, with the exception of the two Utah Technical Colleges, showing some decline.

The 49,061 full-time, headcount enrollment reported for fall quarter was 809 students fewer than the year before. The slight decrease was an intensification of a leveling pattern in higher education enrollments which has been experienced for about the last four or five years. (See Figure 1.)

Figure 1. Autumn Quarter Enrollment in the System



Utah System of Higher Education
Autumn Enrollment, Extended Day Headcount
Years 1968-69 Through 1972-73

SOURCE: USHE Enrollment Reports.
NOTE: Enrollments reported here may vary from previously reported figures. Enrollments for 1968 through 1971 were recalculated from institutional reports to reflect extended day scheduling for the University of Utah, Weber State College and Utah Technical Colleges at Salt Lake and Provo. In 1972 extended day figures are used for all campuses.

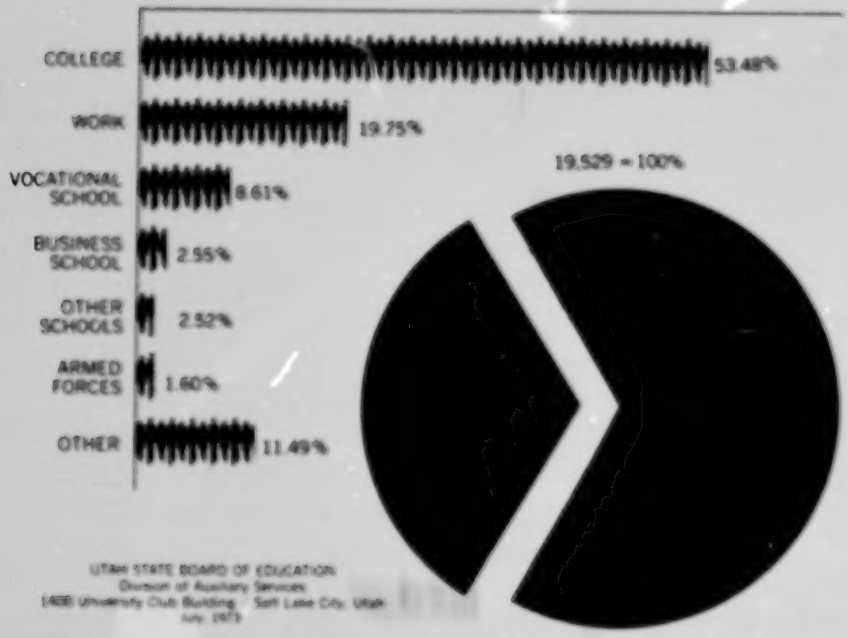
A rather stable enrollment picture had been forecast to begin in the mid-1970s with declining enrollments anticipated for the early 1980s. The fact that enrollments actually declined prior to when expected indicates other factors were involved in addition to anticipated stabilization and decline in college-age population which formed no basis for the enrollment forecasts.

Attitude Change

Some observers saw the Autumn 1972 decline in enrollments as indicating a change in attitude away from traditional college attendance. In spite of increased numbers of high school graduates, fewer were going on to college. The Spring 1973 high school intentions survey would seem to substantiate this hypothesis. The number of Utah students who said they intended to seek some form of post-secondary training had fallen to 67 percent from 72 percent the previous year. (See Figure 2)

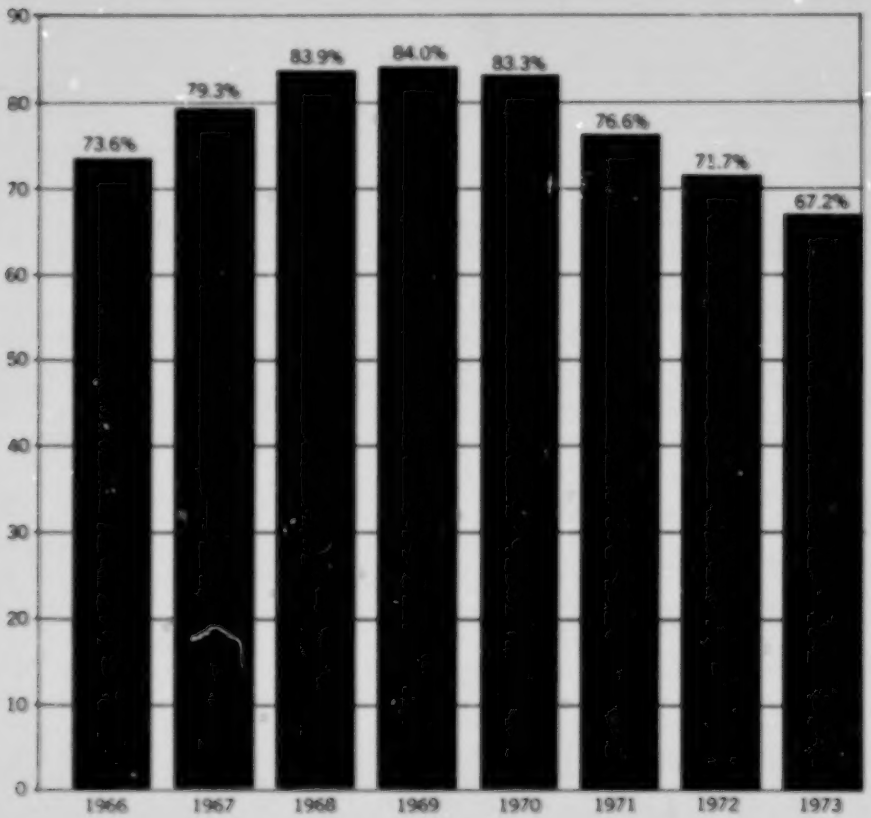
Figure 2. Intentions of Utah's School Graduates, Spring 1973

(Total of 19,529 High School Graduates = 100%)



The 67 percent for Utah, in contrast with national norms was still "high." But the number of Utah students who had indicated post-high school education intentions had been as high as 84 percent in the past four years! (See Figure 3)

Figure 3. Additional Education Intentions, Utah High School Graduates, 1966 Through 1973

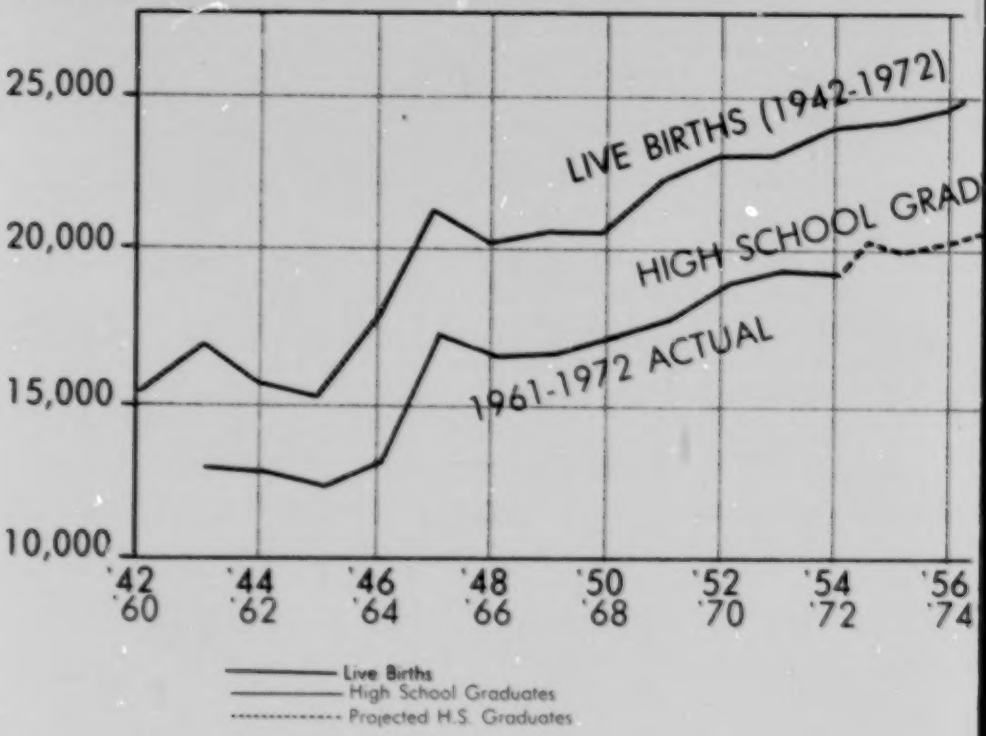


Number of graduating high school seniors indicating an intention to seek post secondary training, as a percentage of total high school graduates, for years 1966 through 1973.

SOURCE: High School Intentions Survey, 1973

Without even considering the impact of an attitude change, a leveling trend in the number of live births during the mid and late 1950s are now being felt in enrollments. Simply stated, decreasing numbers of births to Utah mothers correlate directly with college enrollments approximately 18 years later. (See Figure 4.)

Figure 4. Comparison of Utah Live Births with Utah High School Graduates 18 years Later.

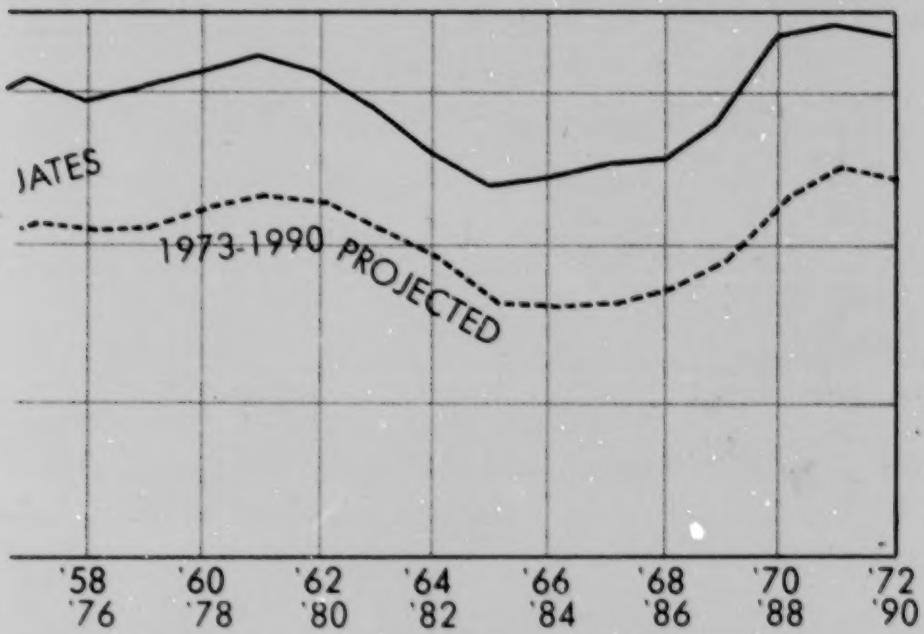


The prospect of leveling enrollments carries with it several implications with respect to space utilization and future construction on the campuses. Space utilization of classroom and teaching laboratories at all institutions was reported below the standards established by the State Building Board.

Maintain Existing Facilities

One of the Board of Higher Education's primary goals articulated this past year, has been the maintenance and effective utilization of the existing facilities. There will be need to update facilities for some functions through new construction in the future. But the Board sees more future capital facilities projects concentrated in rennovation, repair and improvements to existing facilities.

The following tables contain detailed planning and capital facilities data collected by the Office of the Commissioner:



SOURCE: UTAH VITAL STATISTICS
H.S. Graduates: Utah Dept. Public Instruction.
Projections: Office of the Commissioner

Tables

TABLE 1 Autumn Enrollments, Headcount and FTE: Day Only Actual, 1964-65 Through 1970-71; Extended Day Actual, 1971-72 Through 1973-74; Extended Day Projected, 1974-75 Through 1977-78. p. 107

TABLE 2 Autumn Headcount Enrollments, By Institution, With Numbers and Percentages of Resident and Nonresident Student, 1963-64 Through 1972-73. p. 108

TABLE 3 Autumn Quarter Headcount Enrollment Projections, By Institution, 1973-74 Through 1977-78. p. 110

TABLE 4 Autumn FTE Enrollments, By Institution, 1964-65 Through 1972-73. p. 111

TABLE 5 A Comparison of Autumn Headcount Enrollments, 1971 and 1972, By Student Level and Residency, By Institution ° p. 112

TABLE 6 Utah College, Resident Freshmen and Sophomore Extended Day Enrollments, Autumn 1972, and Enrollments as a Percentage of Utah High School Graduates 1971 and 1972. p. 114

TABLE 7 High School Graduates 1971 and 1972, Resident Freshmen and Sophomore Enrollments At All Utah Colleges, Autumn 1972. p. 115

TABLE 8 Utah Resident Enrollment, By County and Institution, Headcount 1971 and 1972. With Percentages of Total County and Total Institutional Enrollments. p. 116

TABLE 9 In-State, Out-of-State and Foreign Students As a Percentage of Total Enrollment, Autumn Headcount, 1969-1970 Through 1972-73. p. 120

TABLE 10 Utah Counties Providing Greatest Resident Enrollment Percentage, By Institution, Autumn Headcount, 1972-73. p. 121

TABLE 11 States Providing the Largest Nonresident Percentages of Total Enrollments, Autumn Headcount, 1972-73, By Institution. p. 122

TABLE 12 College Student Migration Into and From Utah, 1968 Study, U.S. Office of Education. p. 124

TABLE 13 A Comparison of Utah High School Graduates to Resident Entering Freshmen, Autumn Headcount, 1961 Through 1972, With 1973 Projections. p. 126

TABLE 14 Intentions of Utah's High School Graduates, 1968 Through 1973. p. 127

TABLE 15 A Comparison of the Intentions of Utah High School Graduates to Actual Entering Resident Freshmen, Utah Public and Private Colleges, 1969 Through 1972. p. 128

TABLE 16 Public and Private Veteran Enrollments and Graduates, 1970-71 Through 1972-73. p. 129

TABLE 17 Recommendations for Capital Facilities Appropriations 1974-75 (As approved by the State Board of Higher Education, September 25, 1973) p. 130

TABLE 18 Recommendation for Capital Facilities Appropriation By Institution in Total Dollars, 1974-75, With Recommended and Actual Appropriations, 1973-74. p. 132

TABLE 19 Analysis of Academic Space at Member Institutions, Autumn 1972. p. 133

TABLE 20 Space Utilization and Projection of Optimum F.T.E. Enrollments, By Institution, Autumn Quarter Classrooms Only, 1972-73. p. 134

TABLE 21 Space Utilization and Projections of Optimum F.T. E. Enrollments Summary, By Institution, 1969-70 Through 1972-73, Classrooms Only. p. 136

TABLE 22 Space Utilization and Projections of Optimum F.T.E. Enrollments, By Institution, Autumn Quarter, Teaching Laboratories Only. p. 136

TABLE 23 Space Utilization and Projections of Optimum F.T.E. Enrollments Summary, By Institution, 1968-69 Through 1972-73, Teaching Laboratories Only, p. 140

TABLE 1

Utah System of Higher Education

Autumn Enrollments, Headcount and FTE; Day Only Actual, 1964-65 Through 1970-71; Extended Day Actual, 1971-72 Through 1973-74; Extended Day Projected, 1974-75 Through 1977-78.

Year	HEADCOUNT							FTE
	Resident		Nonresident		Total			
						Change		
	Number	Percentage	Number	Percentage	Number	Number	Percentage	Number
1964-65	22,851	82.0%	5,002	18.0%	27,853	3,286	13.4%	27,604
1965-66	26,154	81.5	5,938	18.5	32,092	4,239	15.2	31,295
1966-67	27,417	81.3	6,304	18.7	33,721	1,629	5.1	32,893
1967-68	29,972	83.3	6,002	16.7	35,974	2,253	6.7	34,989
1968-69	33,060	84.9	5,873	15.1	38,933	2,959	8.2	36,570
1969-70	34,187	85.1	5,998	14.9	40,185	1,252	3.2	37,238
1970-71	35,593	85.1	6,254	14.9	41,847	1,662	4.1	38,504
1971-72[a]	43,085	86.4	6,785	13.6	49,870	N/A	N/A	43,710
1972-73[b]	41,740	85.1	7,321	14.9	49,061	(809)	(1.6)	43,506
1973-74	40,977	83.4	8,149	16.6	49,126	65	.1	43,301
1974-75 Est.	40,132	82.3	8,605	17.7	48,737	(389)	(.8)	42,906
1975-76 Est.	39,770	82.0	8,730	18.0	48,500	(237)	(.5)	42,700
1976-77 Est.	39,606	82.0	8,694	18.0	48,250	(250)	(.5)	42,525
1977-78 Est.	39,360	82.0%	8,640	18.0%	48,000	(250)	(.5%)	42,300

Sources: Actual: Annual Enrollment Reports, Office of the Commissioner
Projections: Office of the Commissioner

[a] Extended day for University of Utah, Weber State College and the Technical Colleges at Provo and Salt Lake, begins in 1971-72. .

[b] Extended day for other schools begins 1972-73.

TABLE 2

Utah System of Higher Education

Autumn Headcount Enrollments,[a] By Institution, With Numbers and Percentages of Resident and Nonresident Students, 1963-64 Through 1972-73

Institution	1963-64		1964-65		1965-66		1966-67	
U of U	No.	%	No.	%	No.	%	No.	%
Resident	9,210	83.2%	10,364	84.3%	11,579	83.6%	12,120	84.3%
Nonresident	1,857	16.8	1,928	15.7	2,275	16.4	2,249	15.7
Total	11,067		12,292		13,854		14,369	
USU								
Resident	4,350	68.7	4,644	67.1	5,250	67.0	5,101	63.2
Nonresident	1,984	31.3	2,272	32.9	2,587	33.0	2,975	36.8
Total	6,334		6,916		7,837		8,076	
WSC								
Resident	3,065	91.0	3,914	93.8	4,640	93.7	5,206	93.6
Nonresident	303	9.0	258	6.2	314	6.3	354	6.4
Total	3,368		4,172		4,954		5,560	
SUSC								
Resident	889	88.5	1,093	86.4	1,395	85.3	1,475	88.3
Nonresident	115	11.5	172	13.6	240	14.7	195	11.7
Total	1,004		1,265		1,635		1,670	
Snow								
Resident	393	89.7	520	92.4	704	90.1	641	90.4
Nonresident	45	10.3	43	7.6	77	9.9	68	9.6
Total	438		563		781		709	
Dixie								
Resident	296	76.5	434	76.8	604	69.3	698	70.4
Nonresident	91	23.5	131	23.2	268	30.7	294	29.6
Total	387		565		872		992	
CEU								
Resident	504	91.3	496	92.7	532	91.9	515	92.0
Nonresident	48	8.7	39	7.3	47	8.1	45	8.0
Total	552		535		579		560	
UTC/P								
Resident	588	93.9	629	89.1	646	89.1	705	91.1
Nonresident	38	6.1	77	10.9	79	10.9	69	8.9
Total	626		706		725		774	
UTC/SL								
Resident	711	89.9	757	90.2	804	94.0	956	94.6
Nonresident	80	10.1	82	9.8	51	6.0	55	5.4
Total	791		839		855		1,011	
USHE								
Resident	20,006	81.4	22,851	82.0	26,154	81.5	27,417	81.3
Nonresident	4,561	18.6	5,002	18.0	5,938	18.5	6,304	18.7
Total	24,567		27,853		32,092		33,721	
BYU								
Resident	4,784	33.6	5,477	33.3	6,400	34.2	6,736	33.6
Nonresident	9,452	66.4	10,976	66.7	12,325	65.8	13,292	66.4
Total	14,236		16,453		18,725		20,028	
Westminster								
Resident	277	63.1	282	62.3	377	65.8	437	66.5
Nonresident	162	36.9	171	37.7	196	34.2	220	33.5
Total	439		453		573		657	
State Total								
Resident	25,067	63.9	28,610	63.9	32,931	64.1	34,590	63.6
Nonresident	14,175	36.1%	16,149	36.1%	18,459	35.9%	19,816	36.4%
Total	39,242		44,759		51,390		54,406	

[a]Extended Day enrollments are reported in 1971.72 for University of Utah, Weber State College, and Utah Technical Colleges at Provo and Salt Lake and for remaining institutions beginning in 1972-73.

								Extended Day			
1967-68		1968-69		1969-70		1970-71		1971-72[a]		1972-73[a]	
No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
12,813	84.9%	13,688	84.3%	14,612	84.0%	15,098	83.3%	18,013	84.3%	17,193	82.4%
2,280	15.1	2,542	15.7	2,783	16.0	3,029	16.7	3,345	15.7	3,682	17.6
15,093		16,230		17,395		18,127		21,358		20,875	
5,720	67.8	6,400	73.5	6,408	75.1	6,526	76.5	6,721	76.0	6,520	74.5
2,715	32.2	2,310	26.5	2,130	24.9	2,006	23.5	2,121	24.0	2,226	25.5
8,435		8,710		8,538		8,532		8,842		8,746	
5,864	94.2	6,763	95.7	6,827	95.2	7,212	95.1	8,395	95.4	7,617	93.6
358	5.8	307	4.3	342	4.8	371	4.9	406	4.6	525	6.4
6,222		7,070		7,169		7,583		8,801		8,142	
1,557	89.4	1,602	90.7	1,501	87.5	1,687	86.7	1,508	80.9	1,438	81.4
184	10.6	164	9.3	215	12.5	258	13.3	356	19.1	328	18.6
1,741		1,766		1,716		1,945		1,864		1,766	
747	90.7	866	89.8	712	91.4	727	89.8	697	88.7	586	88.8
77	9.3	98	10.2	67	8.6	83	10.2	89	11.3	74	11.2
824		964		779		810		786		660	
674	72.2	796	72.6	845	72.7	842	70.1	829	73.4	859	77.0
259	27.8	300	27.4	317	27.3	359	29.9	300	26.6	257	23.0
933		1,096		1,162		1,201		1,129		1,116	
572	93.2	664	95.7	650	94.9	586	91.8	511	91.9	481	95.8
42	6.8	30	4.3	35	5.1	52	8.2	45	8.1	21	4.2
614		694		685		638		556		502	
811	94.9	775	90.4	957	93.5	1,166	94.4	2,231	95.5	2,558	94.7
44	5.1	82	9.6	66	6.5	69	5.6	105	4.5	142	5.3
855		857		1,023		1,235		2,336		2,705	
1,214	96.6	1,506	97.4	1,675	97.5	1,749	98.5	4,180	99.6	4,275	98.5
43	3.4	40	2.6	43	2.5	27	1.5	18	.4	66	1.5
1,257		1,546		1,718		1,776		4,198		4,341	
29,972	83.3	33,060	84.9	34,187	85.1	35,593	85.1	43,085	86.4	41,527	85.0
6,002	16.7	5,873	15.1	5,998	14.9	6,254	14.9	6,785	13.6	7,321	15.0
35,974		38,933		40,185		41,847		49,870		48,848	
6,783	33.3	7,453	33.4	8,230	34.1	8,543	34.1	8,020	31.9	7,606	31.0
13,592	66.7	14,851	66.6	15,914	65.9	16,479	65.9	17,096	68.1	16,959	69.0
20,375		22,304		24,144		25,021		25,116		24,565	
615	77.6	661	73.6	596	71.5	609	72.9	496	61.0	537	69.9
178	22.4	237	26.4	237	28.5	226	27.1	317	39.0	231	30.1
793		898		833		835		813		768	
37,370	65.4	41,174	66.3	43,013	66.8	44,745	66.1	51,601	68.1	49,670	67.2
19,772	34.6%	20,961	33.7%	22,149	44.0%	22,958	33.9%	24,198	31.9%	24,511	32.8%
57,142		62,135		65,162		67,703		75,799		74,181	

Sources: C.C.H.E. Legislative Budget Recommendations 1963-64 through 1968-69.
U.S.H.E. Annual Enrollment Reports 1969-70 through 1971-72.
Autumn Enrollment Reports, 1972-73 and 1973-74.

TABLE 3
Utah System of Higher Education

Autumn Quarter Headcount Enrollment Projections, By Institution, 1973-74 through 1977-78

	1973-74	1974-75	1975-76	1976-77	1977-78
U of U					
Resident	16,529	16,010	15,756	15,628	15,550
Nonresident	4,129	4,408	4,444	4,472	4,450
Total	20,658	20,418	20,200	20,100	20,000
USU					
Resident	5,967	5,664	5,494	5,407	5,340
Nonresident	2,566	2,712	2,706	2,693	2,660
Total	8,533	8,376	8,200	8,100	8,000
WSC[a]					
Resident	7,813	7,836	7,896	7,781	7,667
Nonresident	490	491	504	519	533
Total	8,303	8,327	8,400	8,300	8,200
SUSC					
Resident	1,266	1,178	1,121	1,072	1,064
Nonresident	354	356	354	338	336
Total	1,620	1,534	1,475	1,410	1,400
Snow					
Resident	697	695	697	679	665
Nonresident	62	62	63	61	60
Total	759	757	760	740	725
Dixie					
Resident	889	842	793	780	760
Nonresident	237	224	227	220	215
Total	1,126	1,066	1,020	1,000	975
CEU					
Resident	608	587	573	549	525
Nonresident	25	24	27	26	25
Total	633	611	600	575	550
UTC-P[a]					
Resident	2,569	2,582	2,617	2,691	2,760
Nonresident	191	210	228	234	240
Total	2,760	2,792	2,845	2,925	3,000
UTC-SL[a]					
Resident	4,639	4,738	4,880	4,983	5,034
Nonresident	95	118	120	117	116
Total	4,734	4,856	5,000	5,100	5,150
USHE					
Resident	40,977	40,132	39,827	39,570	39,365
Nonresident	8,149	8,605	8,673	8,680	8,635
Total	49,126	48,737	48,500	48,250	48,000

Source: Office of the Commissioner, USHE, November 20, 1973

[a] Extended day.

TABLE 4
Utah System of Higher Education

Autumn FTE* Enrollments,[a] By Institution, 1964-65 Through 1972-73

	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	Extended Day 1971-72[(a)]	1972-73
U of U	11,703	12,499	13,186	13,753	14,514	15,448	15,991	19,732	19,531[b]
USU	7,085	7,822	8,125	8,485	8,404	8,112	7,985	8,504	8,597
WSC	4,106	5,303	5,657	6,320	6,590	6,827	7,075	7,021	6,512
SUSC	1,281	1,616	1,642	1,684	1,709	1,656	1,858	1,811	1,717
Snow	582	788	728	851	989	792	824	785	657
Dixie	555	867	995	919	1,098	1,122	1,148	1,062	1,031
CEU	576	622	576	629	685	667	647	541	459
UTC/P	699	751	770	927	967	921	1,243	1,709	2,094
UTC/SL	1,017	1,027	1,214	1,421	1,614	1,693	1,733	2,545	2,862
Total USHE	27,604	31,295	32,893	34,989	36,570	37,238	38,504	43,710	43,460

*Full Time Equivalent Student
45 Credit hours per year for undergraduate students
36 Credit hours per hour for graduate students through 1970-71; beginning in 1971-72, 30 Credit hours per year for graduate students.

Source: C.C.H.E. Annual Enrollment Analysis 1964-65 through 1968-69
U.S.H.E. Annual Enrollment Reports 1969-70 through 1971-72, Autumn Quarter Enrollment Report, 1972-73.

a Beginning 1971-72 University of Utah, Weber State College, Utah Technical Colleges at Provo and Salt Lake enrollments are extended day with other institutions beginning 1972-73.

b Excludes medical school students.

TABLE 5

Utah System of Higher Education

A Comparison of Autumn Headcount[a] Enrollments, 1971 and 1972, By Student Level and Residency, By Institution

	Freshmen			Sophomore			Junior			Senior			Graduates			Others			Total		
	1971	1972	% Diff.	1971	1972	% Diff.	1971	1972	% Diff.	1971	1972	% Diff.	1971	1972	% Diff.	1971	1972	% Diff.	1971	1972	% Diff.
U of U																					
Res	6,896	5,268	(23.6%)	3,093	2,951	(4.6%)	2,576	3,038	17.9%	2,557	2,894	13.2%	2,999	3,283	9.5%	136	48	(64.7%)	18,257	17,482	(4.2%)
Nonres	1,027	997	(2.9)	587	616	4.9	361	618	71.2	359	464	29.2	1,074	1,041	(3.1)	3	3	0.0	3,411	3,739	9.6
Total	7,923	6,265	(20.9%)	3,680	3,567	(3.1%)	2,937	3,656	24.5%	2,916	3,358	15.2%	4,073	4,324	6.2%	139	51	(63.3%)	21,668[b]	21,221[b]	(2.1%)
USU																					
Res	2,210	1,938	(12.3%)	1,093	1,085	(.7%)	1,126	1,271	12.9%	1,297	1,279	(1.4%)	1,168	947	(18.9%)	0	0	0.0%	6,094	6,520	(5.4%)
Nonres	777	777	1.3	345	393	13.9	277	361	30.3	268	271	(1.1)	219	420	91.8	0	4	100.0	1,896	2,226	17.4
Total	2,715	2,715	(9.4%)	1,438	1,478	2.8%	1,403	1,632	16.3%	1,565	1,550	(1.0%)	1,387	1,367	(1.4%)	0	4	100.0%	8,790	8,746	(.5%)
WSC																					
Res	3,933	3,840	(2.4%)	1,733	1,554	(10.3%)	1,352	1,168	(13.6%)	1,241	1,001	(19.3%)	–	–	–	81	54	(33.3%)	8,340	7,617	(8.7%)
Nonres	184	223	21.2	100	125	25.0	85	94	10.6	69	79	14.5	–	–	–	3	4	33 3	441	525	19.0
Total	4,117	40,63	(1.3%)	1,833	1,679	(8.4%)	1,437	1,262	(12.2%)	1,310	1,080	(17.6%)	–	–	–	84	58	(31.0%)	8,781	8,142	(7.3%)
SUSC																					
Res	605	584	(3.5%)	354	290	(18.1%)	259	263	1.5%	283	295	4.2%	–	–	–	0	6	100.0%	1,501	1,438	(4.2%)
Nonres	206	153	(25.7)	74	86	16.2	48	50	4.2	27	39	44.4	–	–	–	0	0	0.0	355	328	7.6
Total	811	737	(9.1%)	428	376	(12.1%)	307	313	2.0%	310	334	7.7%	–	–	–	0	6	100.0%	1,856	1,766	(4.8%)
Snow																					
Res	462	401	(13.2%)	228	179	(21.5%)	–	–	–	–	–	–	–	–	–	7	6	(14.3%)	697	586	(15.9%)
Nonres	65	51	(21.5)	24	23	(4.2)	–	–	–	–	–	–	–	–	–	0	0	0.0	89	74	16.9
Total	527	452	(14.2%)	252	202	(19.8%)	–	–	–	–	–	–	–	–	–	7	6	(14.3%)	786	660	16.0%
Dixie																					
Res	560	588	5.0%	242	218	(9.9%)	–	–	–	–	–	–	–	–	–	31	53	71.0%	833	859	3.1%
Nonres	201	193	(4.0)	109	64	(41.3)	–	–	–	–	–	–	–	–	–	2	0	(100.0)	312	257	(17.6%)
Total	761	781	2.6%	351	282	(19.7%)	–	–	–	–	–	–	–	–	–	33	53	60.6%	1,145	1,116	(2.5%)
CEU																					
Res	295	325	10.2%	211	156	(26.1%)	–	–	–	–	–	–	–	–	–	–	–	–	506	481	(4.9%)
Nonres	26	13	(50.0)	23	8	(65.2)	–	–	–	–	–	–	–	–	–	–	–	–	49	21	(57.1)
Total	321	338	5.3%	234	164	(29.9%)	–	–	–	–	–	–	–	–	–	–	–	–	555	502	(9.5%)

UTC Provo																					
Res	1,113	1,360	22.1%	308	305	(1.0%)	–	–	–	–	–	–	–	–	–	868	894	11.3%	2,224	2,558	15.0%
Nonres	87	102	17.2	23	40	73.9	–	–	–	–	–	–	–	–	–	0	0	0.0	110	142	29.1
Total	1,200	1,461	21.8%	331	345	4.2%	–	–	–	–	–	–	–	–	–	803[1]	894[1]	11.3%	2,334	2,700	15.7%
UTC GL																					
Res	1,801	1,507	(16.3%)	270	771	176.3%	–	–	–	–	–	–	–	–	–	2,065	1,997	4.3%	4,146	4275	2.6%
Nonres	28	56	100.0	3	9	200.0	–	–	–	–	–	–	–	–	–	2	1	(50.0)	33	66	100.0
Total	1,839	1,843	(14.0%)	382	780	176.6%	–	–	–	–	–	–	–	–	–	2,067[1]	1,998[1]	(4.2%)	4,180	4341	3.4%
USHE Total																					
Res	17,875	15,810	(11.6%)	7,041	7,009	(.4%)	5,313	5,740	8.0%	5,378	5,460	1.7%	4,167	4,230	1.5%	3,143	3060	(2.7%)	42,417	41,816	(3.7%)
Nonres	2,611	2,646	(1.8)	1,298	1,364	5.0	771	1,123	46.7	723	803	18.0	1,293	1,461	13.0	10	12	20.0	6,696	7,378	10.2
Total	20,486	18,376	(10.3%)	8,339	8,873	5%	6,084	6,863	12.5%	6,101	6,323	3.6%	5,460	5,691	4.2%	3,153	3,072	(2.6%)	50,113	49,194[2]	(1.8%)
B.Y.U.																					
Res	2,116	2,207	4.2%	1,884	1,827	(6.3%)	1,567	1,407	(9.6%)	1,636	1,438	(12.0%)	1,026	1,027	.1%	–	–	–	8,020	7,606	(5.2%)
Nonres	4,691	4,847	3.8	3,426	3,946	8.8	3,700	3,663	(1.0)	3,617	3,201	(11.5)	1,463	1,280	(12.5)	–	–	–	17,096	16,950	(.8)
Total	6,806	7,074	3.9%	5,309	5,475	3.1%	5,267	5,070	(3.6%)	5,252	4,639	(11.7%)	2,489	2,307	(7.3%)	–	–	–	25,116	24,556	(2.2%)
Westminster																					
Res	126	135	7.0%	156	112	(28.2%)	129	119	(7.0%)	139	144	11.6%	–	–	–	15	26	73.3%	564	637	(3.1%)
Nonres	97	75	22.7	63	56	(11.1)	97	46	(10.8)	39	91	30.8	–	–	–	3	1	(66.7)	259	231	(10.8)
Total	223	211	0.4	219	168	(23.3%)	185	167	(9.7%)	168	195	16.1%	–	–	–	18	27		813	768	(5.5%)
State Total	%																				
Res	20,119	18,153	9.8%	9,381	9,148	(2.5%)	6,998	7,266	3.8%	7,143	7,061	(1.3%)	5,193	5,257	1.2%	3,158	2,984	(2.3%)	51,981	49,959	(3.9%)
Nonres	7,388	7,077	1.5	4,975	5,368	7.9	4,539	4,834	6.5	4,279	4,195	(6.3)	2,756	2,741	(.5)	13	13	0.0	24,951	24,586	2.1
Total	27,518	25,660	6.8%	14,367	14,516	1.1%	11,536	12,100	5.0%	11,521	11,156	(3.2%)	7,949	7,998	.6%	3,171	3,097	(2.3%)	76,062	74,527	(2.0%)

Source: USHE Autumn Quarter enrollment report 1970-1971.

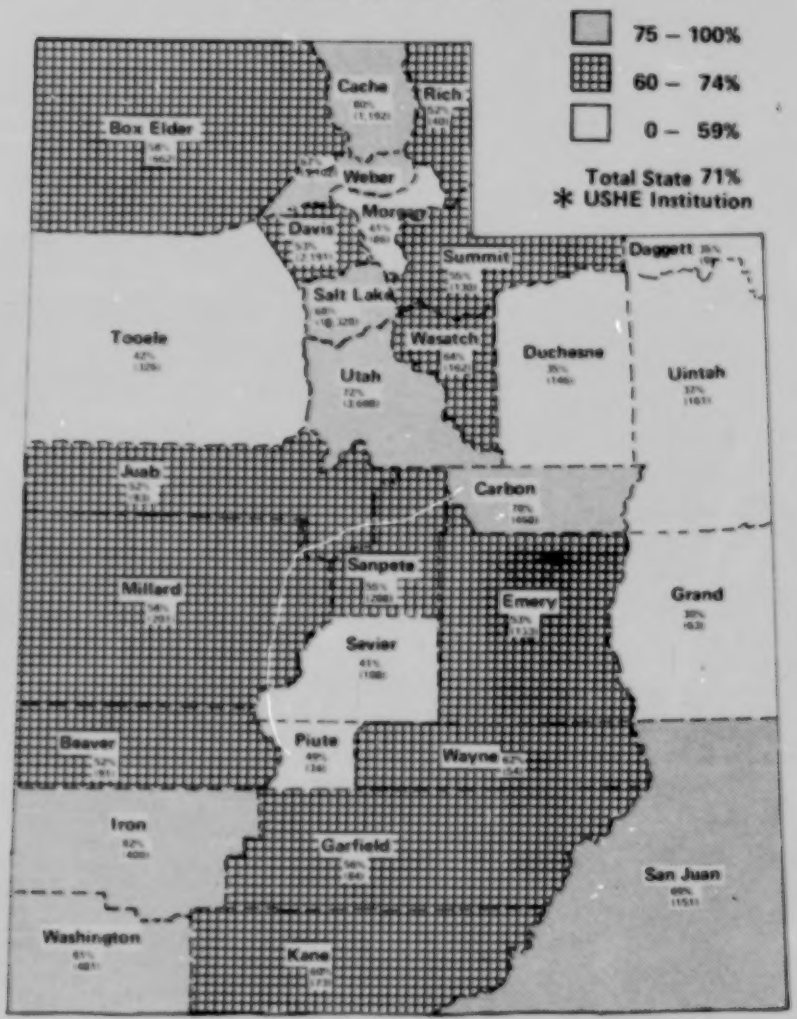
*Includes unclassified

( ) Denotes decrease

TABLE 6

Utah System of Higher Education

Utah College, Resident Freshmen and Sophomore Extended Day Enrollments Autumn 1972, and Enrollments as a Percent of Utah High School Graduates 1971 and 1972



Source: USHE Autumn Enrollment Report.

TABLE 7

Utah System of Higher Education

High School Graduates 1971 and 1972, Resident Freshmen and Sophomore Enrollments At All Utah Colleges, Autumn 1972

County	Number of High School Graduates 1971 and 1972	Resident Freshman, Sophomore Enrollments at all Utah Colleges Autumn 1972	Resident Freshman and Sophomore enrollment as a percentage of High School Graduates
Beaver	176	91	52%
Box Elder	1,146	662	58
Cache	1,485	1,192	80
Carbon	598	468	78
Daggett	26	9	35
Davis	4,142	2,191	53
Duchesne	421	146	35
Emery	251	133	53
Garfield	151	84	56
Grand	209	63	30
Iron	486	400	82
Juab	179	93	52
Kane	121	73	60
Millard	348	201	58
Morgan	209	86	41
Piute	69	34	49
Rich	77	40	52
Salt Lake	15,106	10,328	68
San Juan	219	151	69
Sanpete	522	288	55
Sevier	463	188	41
Summit	235	130	55
Tooele	781	326	42
Uintah	432	161	37
Utah	4,996	3,608	72
Wasatch	253	162	64
Washington	592	481	81
Wayne	87	54	62
Weber	4,602	3,102	67
Undetermined	–	2,358	–
Utah Resident Students	19,158	27,303	71%

Source: High School Intentions Survey, 1971 and 1972
U.S.H.E. Autumn Enrollment Report, 1972

TABLE 8

Utah System of Higher Education
Autumn Resident Enrollment, By County and Institution, Headcount[a] 1971 and 1972, With Percentages of Total County and Total Institutional Enrollments.

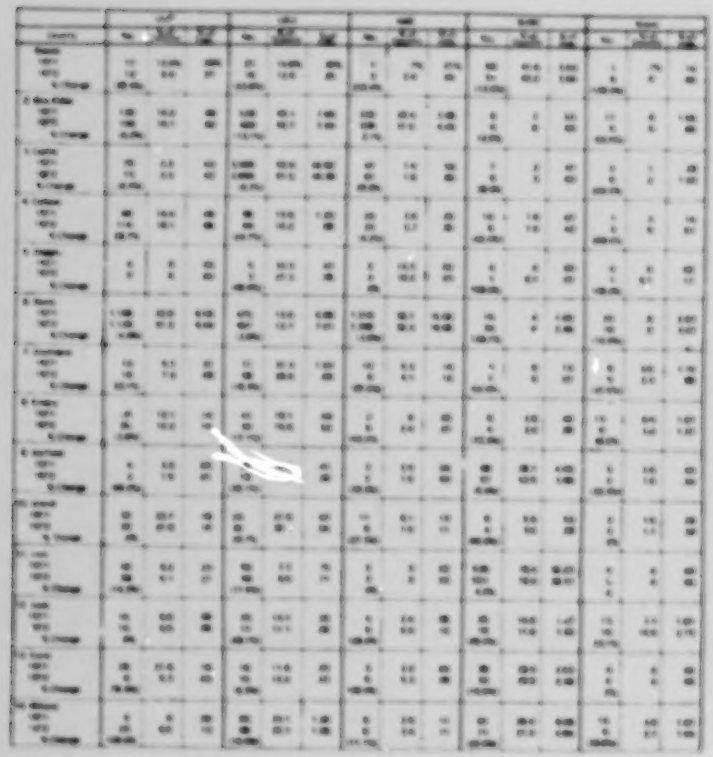


TABLE 8 (continued)

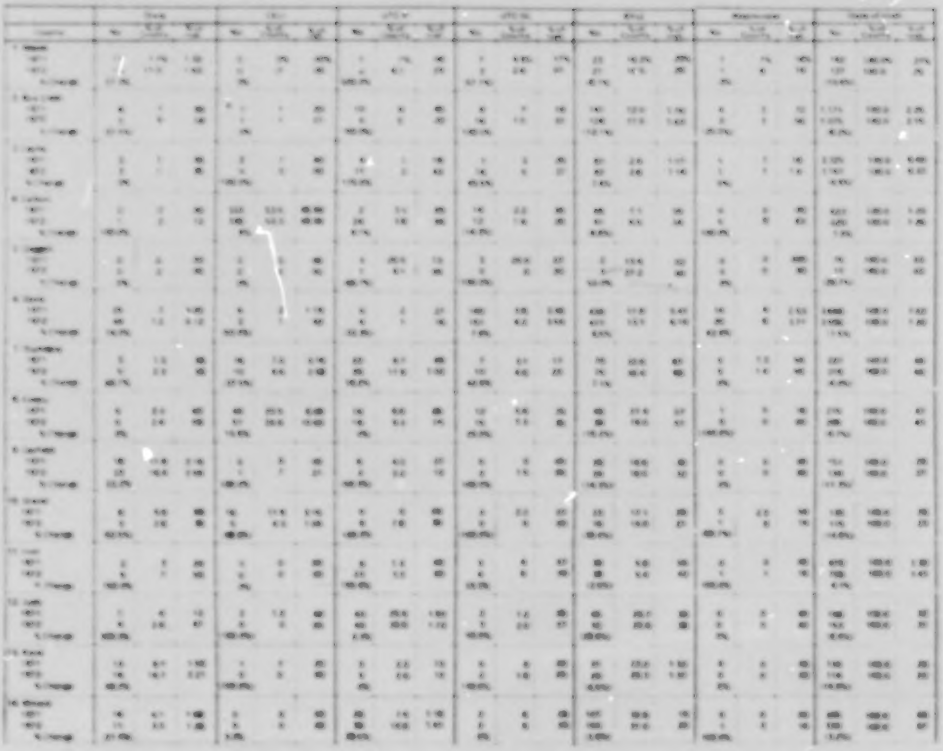


TABLE 8 (continued)

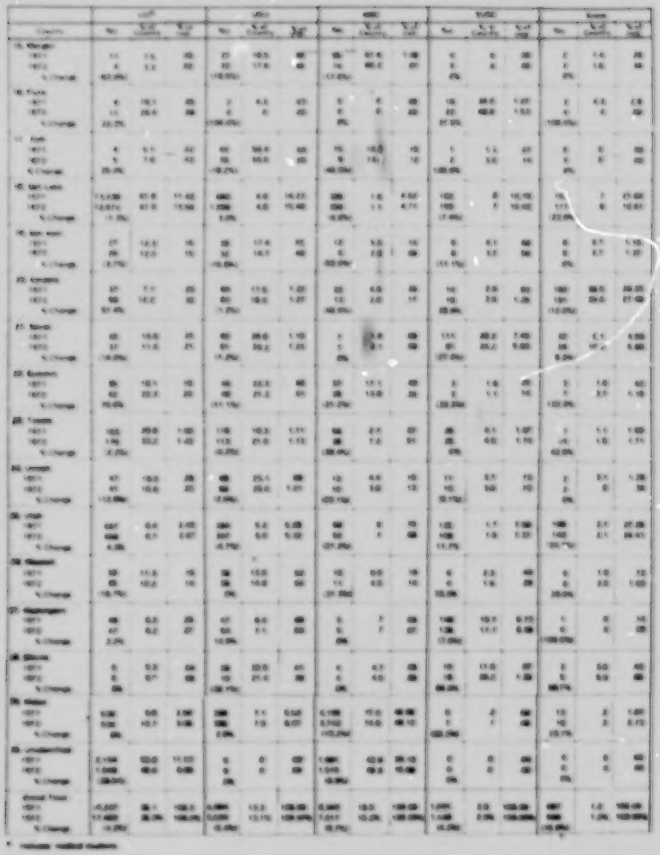


TABLE 8 (continued)

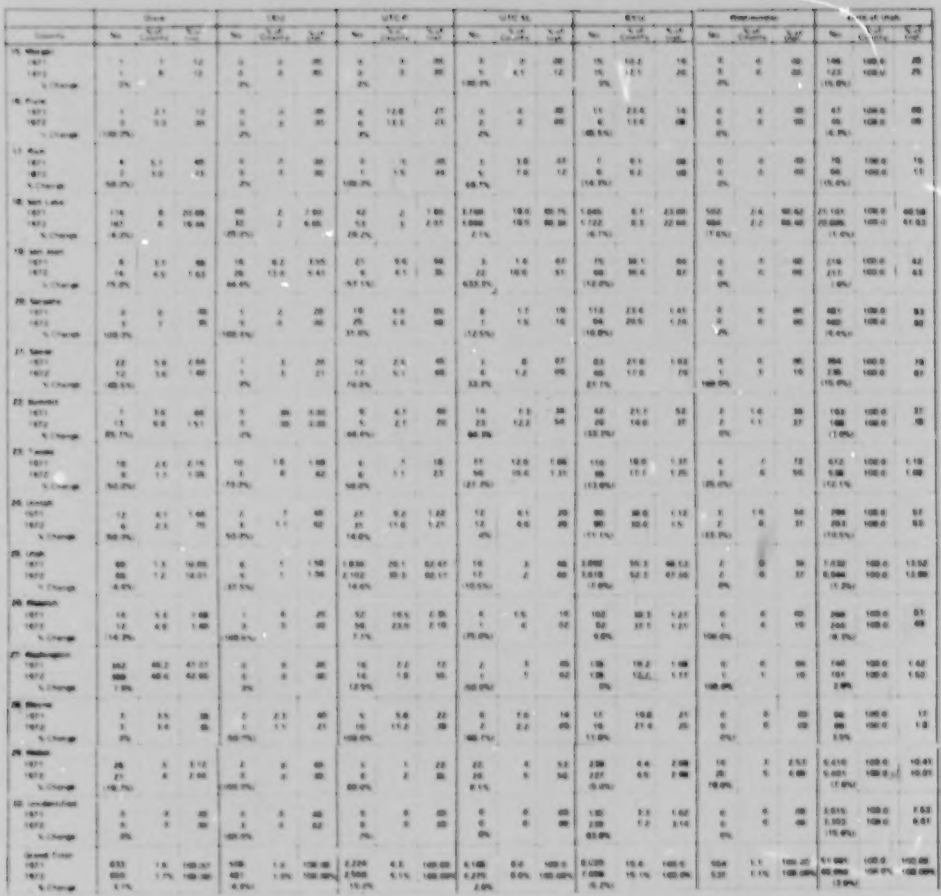


TABLE 9

Utah System of Higher Education

In-State, Out-of-State and Foreign Students As a Percentage of Total Enrollment, Autumn Headcount,[a] 1969-70 Through 1972-73

Institution	1969-70			1970-71			1971-72[a]			1972-73[b]		
	In State	Out-of-State	Foreign	In State	Out-of-State	Foreign	In State	Out-of-State	Foreign	In State	Out-of-State	Foreign
U of U[b]	83.9%	14.4%	1.7%	83.2%	15.3%	1.5%	84.3%	14.2%	1.5%	82.4%	16.0%	1.6%
U.S.U	75.1	19.9	5.0	76.5	19.5	4.0	78.4	17.9	3.7	74.5	20.1	5.4
W.S.C.	93.3	6.4	.3	94.5	5.1	.4	93.8	5.6	.6	93.5	5.8	.7
S.U.S.C.	87.4	12.1	.5	86.7	12.7	.6	80.9	18.3	.8	81.4	17.7	.9
Snow	91.4	8.2	.4	89.5	9.9	.6	88.7	11.2	.1	88.7	10.8	.5
Dixie	73.0	26.6	.4	69.7	30.0	.3	72.8	26.2	1.0	77.0	21.9	1.1
C.E.U.	94.2	3.4	2.4	92.0	4.0	4.0	91.2	4.9	3.9	95.8	2.6	1.6
U.T.C./P.	93.4	5.2	1.4	94.8	3.7	1.5	92.8	5.7	1.5	94.7	4.5	.8
U.T.C./S.L.C.	97.9	1.6	.5	98.5	1.2	.3	98.5	1.2	.3	98.5	1.4	.1
Total U.S.H.E.	84.9	13.1	2.0	84.9	13.4	1.7	85.4	12.9	1.7	86.0	13.1	1.9
Private Institutions	35.3	60.2	4.5	35.4	59.6	5.0	33.1	61.5	5.4	32.1	63.0	4.9
Total State	66.3%	30.8%	2.9%	66.1%	31.0%	2.9%	66.4%	30.6%	3.0%	67.0%	30.1%	2.9%

[a] Extended day for University of Utah, Weber State College, Utah Technical Colleges at Salt Lake and Provo.

[b] Includes Medical Students

Source: U.S.H.E. Autumn Enrollment Reports.

TABLE 10

Utah System of Higher Education

Utah Counties Providing Greatest Resident Enrollment Percentage, By Institution, Autumn Headcount[a], 1972-73.

A. Universities

University of Utah[a]	
1. Salt Lake[b]	82.5%
2. Davis	6.4
3. Weber	3.1
4. Utah	2.7
5. All others	5.3
Total	100.0%

Utah State University	
1. Cache	44.4%
2. Salt Lake	15.5
3. Box Elder	7.0
4. Davis	7.0
5. Weber	6.1
6. Utah	5.3
7. All others	14.7
Total	100.0%

B. Four-Year Colleges

Weber State College[a]	
1. Weber[b]	69.0%
2. Davis	16.6
3. Salt Lake	4.7
4. Box Elder	4.5
5. Allothers	5.2
Total	100.0%

Southern Utah State College	
1. Iron	38.3%
2. Salt Lake	10.4
3. Washington	9.4
4. Utah	7.4
5. Sevier	5.6
6. Millard	4.9
7. All others	24.0
Total	100.0%

C. Two-Year Colleges

Snow College	
1. Sanpete	27.5%
2. Utah	24.4
3. Salt Lake	20.0
4. Sevier	5.8
5. Davis	3.1
6. All others	19.2
Total	100.0%

Dixie College	
1. Washington	43.0%
2. Salt Lake	19.4
3. Utah	10.0
4. Davis	5.1
5. Garfield	2.6
6. All others	19.9
Total	100.0%

College of Eastern Utah	
1. Carbon[b]	70.5%
2. Emery	10.6
3. Salt Lake	6.7
4. San Juan	5.4
5. Duchesne	2.1
6. All others	4.7
Total	100.0%

D. Vocational-Technical Colleges

Utah Technical College - Provo	
1. Utah	82.2%
2. Wasatch	2.2
3. Salt Lake	2.1
4. All others	13.5
Total	100.0%

Utah Technical College Salt Lake[a]	
1. Salt Lake	90.3%
2. Davis	3.5
3. Tooele	1.3
4. All others	4.9
Total	100.0%

[a] Extended Day for University of Utah, Weber State College and Utah Technical Colleges at Salt Lake and Provo

[b] Undetermined residence is assumed to be a local.

Source: USHE 1972 Autumn Enrollment Report

TABLE 11

Utah System of Higher Education

States Providing the largest Nonresident percentages of Total Enrollments, Autumn Headcount[a], 1972-73 by Institution

I. Nonresident Students	UU[b]		USU		WSC		SUSC		Snow	
Other States	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1. California	788	3.76%	381	4.35%	12	.15%	115	6.50%	27	4.09%
2. Idaho	319	1.50	341	3.90	40	.49	4	.23	11	1.67
3. Nevada	112	.53	83	.95	32	.39	98	5.54	10	1.52
4. Illinois	214	1.01	80	.91	20	.25	9	.51	0	.00
5. New York	157	.74	102	1.17	16	.20	7	.40	2	.30
6. Wyoming	76	.36	65	.74	37	.45	3	.17	2	.30
7. Colorado	105	.49	46	.53	0	.00	7	.40	4	.61
8. Arizona	52	.25	21	.24	8	.10	30	1.70	0	.00
9. New Mexico	65	.31	34	.39	9	.11	4	.23	1	.15
10. New Jersey	92	.43	48	.55	4	.05	3	.17	0	.00
11. Pennsylvania	90	.42	39	.45	6	.07	4	.23	2	.30
12. Washington	69	.33	30	.34	21	.26	2	.11	0	.00
13. All other States	1,246	5.87	487	5.57	225	2.76	27	1.53	12	1.82
Total other States	3,395	16.00	1,757	20.09	430	5.28	313	17.72	71	10.76
Foreign	333	1.57	469	5.36	53	.65	15	.85	3	.45
Other	11	.05	–	–	42	.52	–	–	–	–
Total Nonresidents	3,739	17.62	2,226	25.45	525	6.45	328	18.57	74	11.21
II. Utah Resident Students	17,482	82.38	6,520	74.55	7,617	93.55	1,438	81.43	586	88.79
Gran Total - All Students	21,221	100.00%	8,746	100.00%	8,142	100.00%	1,766	100.00%	660	100.00%

[a] Extended day for University of Utah, Weber State College, Utah Technical Colleges at Salt Lake and Provo.
[b] Includes 346 Medical Students.

Source: U.S.H.E. 1972 Autumn Enrollment Report.

Other		CEU		UTC-P		UTC-SL		USHE		
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent All Students	Percent Non-Res. Stud.
88	7.88%	1	.09%	25	.92%	0	.00%	1,447	2.94%	19.61%
2	.18	0	.00	11	.41	2	.05	730	1.48	9.89
84	7.53	0	.00	16	.59	8	.19	443	.90	6.00
3	.27	0	.00	1	.04	1	.02	326	.67	4.46
0	.00	2	.40	3	.11	0	.00	289	.59	3.92
1	.09	0	.00	10	.37	6	.14	200	.41	2.71
2	.18	0	.00	13	.48	2	.05	179	.36	2.43
12	1.08	0	.00	17	.63	20	.46	160	.33	2.17
18	1.61	1	.20	8	.30	18	.41	158	.32	2.14
1	.09	0	.00	0	.00	0	.00	148	.30	2.01
0	.00	2	.40	0	.00	0	.00	143	.29	1.94
10	.90	0	.00	3	.11	0	.00	136	.27	1.83
24	2.15	7	1.39	14	.52	4	.09	2,046	4.16	27.72
245	21.95	13	2.59	121	4.48	61	1.40	6,486	13.02	86.82
12	1.08	8	1.59	21	.78	5	.12	919	1.87	12.46
–	–	–	–	–		–		53	.11	.72
257	23.03	21	4.18	142	5.26	66	1.52	7,378	15.00	100.00%
859	76.97	481	95.82	2,558	94.74	4,275	98.48	41,816	85.00	
1,116	100.00%	502	100.00%	2,700	100.00%	4,341	100.00%	49,194	100.00%	

a Extended day for University of Utah, Weber State College, Utah Technical Colleges at Salt Lake and Provo.
b Includes 348 Medical Students.

Source: U.S.H.E., 1972 Autumn Enrollment Report.

TABLE 12

Utah System of Higher Education

College Student Migration Into and From Utah, 1968 Study[a], U.S. Office of Education

State	Migration to Utah		Migration From Utah	Net Difference	
	Public	Total		Public	Total
Alabama	13	44	8	+5	+36
Alaska	25	77	1	+24	+76
Arizona	93	910	107	−14	+803
Arkansas	5	24	2	+3	+22
California	1,155	5,837	617	+538	+5,220
Colorado	160	620	196	−36	+424
Connecticut	39	89	27	+12	+62
Delaware	7	19	0	+7	+19
D. C.	14	32	73	−59	−41
Florida	20	177	14	+6	+163
Georgia	14	69	12	+2	+57
Hawaii	116	223	49	+67	+174
Idaho	859	3,233	288	+571	+2,935
Illinois	188	376	150	+38	+226
Indiana	36	104	100	−64	+4
Iowa	44	99	54	−10	+45
Kansas	40	104	27	+13	+77
Kentucky	10	36	14	−4	+22
Louisiana	15	62	14	+1	+48
Maine	9	29	2	+7	+27
Maryland	52	149	30	+22	+119
Massachusetts	54	130	104	−50	+26
Michigan	60	173	68	−8	+105
Minnesota	83	158	60	+23	+98
Mississippi	5	23	6	−1	+17
Missouri	44	139	95	−51	+44
Montana	122	324	35	+87	+289
Nebraska	28	77	57	−29	+20

State	Migration to Utah		Migration From Utah	Net Difference	
	Public	Total		Public	Total
Nevada	403	863	13	+390	+850
New Hampshire	21	41	9	+12	+32
New Jersey	139	256	13	+126	+243
New Mexico	109	331	40	+69	+291
New York	232	489	103	+129	+386
North Carolina	11	78	21	−10	+57
North Dakota	33	56	4	+29	+52
Ohio	102	245	65	+37	+180
Oklahoma	20	101	25	−5	+76
Oregon	89	665	115	−26	+550
Pennsylvania	108	239	32	+76	+207
Rhode Island	11	20	14	−3	+6
South Carolina	6	61	3	+3	+58
South Dakota	40	79	7	+33	+72
Tennessee	12	46	12	0	+34
Texas	85	338	89	−4	+249
Utah	35,812	43,926	43,926	−8,114	
Vermont	12	27	2	+10	+25
Virginia	69	256	16	+53	+240
Washington	107	858	184	−77	+674
West Virginia	6	22	2	+4	+20
Wisconsin	66	151	44	+22	+107
Wyoming	197	559	24	+173	+535
Outlying Areas	26	131	3	+23	+128
Foreign	734	1,797		+734	+1,797
U.S. Service Schools	0		75	−75	−75
Total Students	41,760	64,962	47,051		
Less Utah Residents	35,812	43,926	43,926		
Net Migration	5,948	21,036	3,125	+2,823	+17,911

Source: Residence and Migration of College Students, Basic State-to-State Matrix Tables, Fall 1968, National Center for Education Statistics, U.S.O.E.

a Latest data available.

TABLE 13

Utah System of Higher Education

A Comparison of Utah High School Graduates to Resident Entering Freshmen, Autumn Headcount[a], 1961 Through 1972, With 1973 Projections.

Year	Utah High School Graduates (Spring)	Resident Entering Freshmen			
		Freshmen U.S.H.E.	Percentage of High School Graduates	Utah Colleges	Percentage of High School Graduates
1961	12,515	5,459	43.6	6,684	53.4
1962	12,466	5,765	46.2	6,949	55.7
1963	12,161	5,862	48.2	7,909	58.3
1964	13,122	6,391	48.7	7,689	58.5
1965	17,086	7,779	45.5	9,433	55.2
1966	16,500	7,520	45.6	8,928	54.1
1967	16,451	8,301	50.4	9,766	59.3
1968	16,902	7,892	46.7	9,496	56.2
1969	17,644	8,891	50.4	10,682	60.5
1970	18,655	9,395	50.4	11,071	59.3
1971	19,158	9,967	52.0	11,351	59.2
1972	19,224	9,814[a]	51.1	11,251	58.5
1973	19,529	9,960 Proj.	51.0% Proj.	11,288 Proj.	57.8% Proj.

Source: Annual Enrollment Reports, Office of the Commissioner

[a] Extended day for University of Utah, Weber State College, Utah Technical Colleges at Salt Lake and Provo.

TABLE 14

Utah System of Higher Education

Intentions of Utah's High School Graduates[1]
1968-1973

	1968		1969		1970		1971		1972		1973	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
Post Secondary Education												
College	11,982	70.89%	12,254	69.45%	12,898	69.10%	11,779	61.48%	10,961	57.02%	10,443	53.48%
Vocational School	1,185	7.01	1,387	7.86	1,578	8.46	1,789	9.34	1,900	9.88	1,682	8.61
Business and Other Schools	950	5.62	1,173	6.65	1,066	5.71	1,094	5.71	915	4.76	990	5.07
Sub-Total	14,117	83.52	14,814	83.96	15,542	83.27	14,662	76.53	13,776	71.66	13,115	67.16
Other												
Work	1,967	11.64	2,043	11.58	2,281	12.22	3,027	15.80	3,991	20.76	3,857	19.75
Other (Marriage, Mission Armed Forces, Undecided, etc.)	818	4.84	787	4.46	842	4.51	1,469	7.67	1,457	7.58	2,557	13.09
Sub-Total	2,785	16.48	2,830	16.04	3,123	16.73	4,496	23.47	5,448	28.34	6,414	32.84
Total Number of High School Graduates	16,902	100.00%	17,644	100.00%	18,665	100.00%	19,158	100.00%	19,224	100.00%	19,529	100.00%

Source: High School Intention Surveys, Utah State Board of Education, Division of Auxiliary Services.

TABLE 15

Utah System of Higher Education

A Comparison of the Intentions of Utah High School Graduates to Actual Entering Resident Freshmen[a], Utah Public and Private Colleges, 1969 Through 1972

	1969			1970			1971			1972		
	High School Intentions	Entering Resident Freshmen	%	High School Intentions	Entering Resident Freshmen	%	High School Intentions	Entering Resident Freshmen	%	High School Intentions	Entering Resident Freshmen	%
U of U	3,203	2,570	80.2%	3 491	2,633	75.4%	3,408	3,080	90.4%	2,906	2,688[a]	92.5%
U.S.U.	1,920	1,457	75.9	1,756	1,495	85.1	1,831	1,561	85.3	1,712	1,444	84.3
W.S.C.	1,930	1,720	89.1	2,114	1,689	79.9	1,826	1,608	88.1	1,447	1,662[a]	114.9
S.U.S.C.	545	424	77.8	538	521	96.8	536	421	78.5	414	401	96.9
Snow	371	325	87.6	482	430	89.2	499	413	82.8	315	360	114.3
Dixie	584	481	82.4	604	490	81.1	458	471	102.8	543	471	86.7
C.E.U.	222	285	128.4	238	289	121.4	163	243	149.1	177	227	128.2
U.T.C./P.	434	552	127.2	463	779	168.3	620	816	131.9	673	1,158[a]	172.1
U.T.C./S.L.	786	1,077	137.0	806	1,069	132.6	903	1,376	152.4	1,062	1,403[a]	132.1
U.S.H.E. Total	9,995	8,891	89.0	10,492	9,395	89.5	10,245	9,991	97.5	9,249	9,814	106.1
B.Y.U.	2,235	1,615	72.3	2,281	1,495	65.5	1,922	1,271	66.1	2,051	1,309	63.8
Westminster	199	176	88.4	222	181	81.5	148	128	86.5	109	128	117.4
State Total	12,429	10,682	85.9%	12,995	11,071	85.2%	12,315	11,390	92.5%	11,409	11,251	98.6%
No. of H.S. Grads	17,644			18,665			19,158			19,224		

Source: Intentions of Utah's High School Graduates, Utah State Board of Education, Division of Auxiliary Services, 1969 through 1972.
U.S.H.E. Autumn Enrollment Report, 1968-1971

[a] Some entering freshmen may not have been graduated from high school the previous Spring. Freshmen Enrollments are Headcount, Extended Day for University of Utah and Weber State College, other institutions are Day only.

TABLE 16

Utah System of Higher Education

Public and Private Veteran Enrollments* and Graduates 1970-71 Through 1972-73

Institution	1970-71			1971-72			1972-73		
	Number Veterans Enrolled	Percentage of Total Enrollment	Number Veterans Graduated	Number Veterans Enrolled	Percentage of Total Enrollment	Number Veterans Graduated	Number Veterans Enrolled	Percentage of Total Enrollment	Number Veterans Graduated
University of Utah	2,305	13.69%	347	2,738	12.82%	423	3,468	16.61%	420
Utah State University	1,125	12.82	170	1,364	15.43	210	1,376	15.73	297
Weber State College	1,230	17.26	–	1,262	14.34	–	1,599	19.64	204
Southern Utah State College	217	11.35	22	224	12.02	27	185	10.48	45
Snow College	27	3.60	9	26	3.31	10	32	4.85	6
Dixie College	45	4.16	7	62	5.49	9	66	5.91	15
College of Eastern Utah	81	12.98	17	87	15.65	22	58	11.55	8
Utah Technical College/Provo	266	20.70	62	367	15.71	55	437	16.19	86
Utah Technical College/Salt Lake	681	34.60	270	865	20.61	176	1,046	24.10	158
Total Public	5,977	14.81%	904	6,995	14.03%	932	8,267	16.92%	1,239
Brigham Young University	1,537	6.14%	–	1,652	6.21%	–	1,676	6.82	381
Westminister College	84	10.06%	15	98	12.05%	25	80	10.42	21
Total Private	1,621	6.27%	15	1,750	6.38%	25	1,756	6.93%	402
Total - All Schools	7,598	11.48%	919	8,745	11.31%	957	10,023	13.51%	1,641

* Autumn Quarter, Extended Day, Head Count Enrollment.

Sources: Utah System of Higher Education Annual Enrollment Analysis, 1970-71 and 1971-72, Autumn Enrollment Report, 1972-73. Institutional Reports of Veteran Students, 1970-71 through 1972-73.

TABLE 17

Utah System of Higher Education

Recommendation for Capital Facilities Appropriation 1974-75
(As approved by the State Board of Higher Education, September 25, 1973

Priority	Project	Institution	Cost	Cumulative Total
1	Food Science Building Completion	USU	$2,000,000	$2,000,000
2	AR&I: Fire, Handicapped	U of U	63,000	2,063,000
3	Electrical, Water and Sewer	USU	114,000	2,177,000
4	Electrical Repair, Downtown Campus	UTC/SL	35,000	2,212,000
5	AR&I: Walkway, Heatplant	SUSC	51,000	2,263,000
6	Safety and Life: Main Building and Geary Theatre	CEU	25,000	2,288,000
7	Utility Tunnels - Air Conditioning	Dixie	883,000	3,171,000
8	AR&I: Handicapped	CEU	71,000	3,242,000
9	West Campus Front Development	WSC	454,000	3,696,000
10	AR&I: Physical Science Building	U of U	675,000	4,371,000
11	Replace Boiler in Heat Plant	UTC/P	54,000	4,425,000
12	AR&I: Roof Repair	Dixie	20,000	4,445,000
13	Central Campus Development	Snow	50,000	4,495,000
14	Relocate Playing Fields	SUSC	60,000	4,555,000
15	Necessary AR&I	U of U	135,000	4,690,000
16	Controlling Underground Water	CEU	110,000	4,800,000
17	Land Purchases	WSC	97,000	4,897,000
18	AR&I: Trades and Occupations Building	Snow	190,000	5,087,000
19	Land Purchases	Dixie	261,000	5,348,000
20	Academic Greenhouses	USU	450,000	5,798,000
21	AR&I: Instructional Resource Center	Snow	70,000	5,868,000
22	AR&I: Offices in Technology Building	UTC/SL	37,000	5,905,000
23	Land Purchase	SUSC	41,000	5,946,000
24	Playfield Development	Dixie	145,000	6,091,000
25	AR&I: Main Building Drapes and Cafeteria	CEU	55,000	6,146,000
26	AR&I: Downtown Campus	UTC/SL	72,000	6,218,000
27	Campus Development	USU	157,000	6,375,000
28	AR&I: Administration & No. 3 Buildings	WSC	217,000	6,592,000
29	Necessary AR&I	U of U	264,000	6,856,000
30	Science Building Campus Development	Dixie	63,000	6,919,000
31	Utilities Improvements	USU	47,000	6,966,000
32	AR&I and Campus Development	SUSC	160,000	7,126,000
33	AR&I: Necessary Life, Safety Requirements	U of U	365,000	7,491,000
34	AR&I: Library Entrance and Filtering System	SUSC	120,000	7,611,000
35	Construction Trades Building	UTC/SL	2,740,000	10,351,000
36	Technical Education Building Remodel and Addition	WSC	3,894,000	14,245,000
37	Career Center	CEU	1,260,000	15,505,000
38	Physical Education Building	Snow	2,250,000	17,755,000
39	Maintenance Building in Storage and Campus Development	WSC	678,000	18,433,000
40	Instructional Greenhouse	Dixie	25,000	18,458,000
41	Central Bell System	Snow	14,000	18,472,000
42	Peripheral Road Development	SUSC	40,000	18,512,000
43	Fine Arts Sound System	WSC	79,000	18,591,000
44	AR&I	USU	223,000	18,814,003
45	Central Campus Development	WSC	860,000	19,674,000
46	Curbs and Gutters	CEU	106,000	19,780,000
47	Land Purchase	UTC/SL	5,000	19,785,000
48	Naval Science Remodel	U of U	464,000	20,249,000
49	Service Building	WSC	174,000	20,423,000

Priority	Project	Institution	Cost	Cumulative Total
50	Remodel Fieldhouse	USU	325,000	20,748,000
51	AR&I	SUSC	100,000	20,848,000
52	AR&I: Geary Theatre, Museum	CEU	120,000	20,968,000
53	Electrical Underground Loop	Snow	42,000	21,010,000
54	Chilled Water Line	UTC/SL	23,000	21,033,000
55	AR&I: Mathematics Building	U of U	875,000	21,908,000
56	AR&I: Water Laboratory	USU	575,000	22,483,000
57	Walkways and Steps	SUSC	50,000	22,533,000
58	Orem Campus -- Auto Trades	UTC/P	2,970,000	25,503,000
59	Vocational Technical Building	Dixie	2,700,000	28,203,000
60	Fine Arts Building, Phase II	USU	3,500,000	31,703,000

TABLE 18

Utah System of Higher Education

Recommendation for Capital Facilities Appropriation By Institution in Total Dollars, 1974-75 With Recommended and Actual Appropriations, 1973-74

	1973-74 Recommendation	1973-74 Appropriation	1974-75 Recommendation
University of Utah	$ 3,541,000	$ 3,378,000[a]	$ 2,841,000
Utah State University	3,214,000	2,760,000	7,391,000
Weber State College	7,182,000	2,802,000[b]	6,453,000
Southern Utah State College	1,061,000	1,116,000	622,000
Snow College	221,000	221,000	2,616,000
Dixie College	287,000	299,000	4,097,000
College of Eastern Utah	149,000	173,000	1,747,000
Utah Technical College/Provo	84,000	84,000[c]	3,024,000
Utah Technical College/Salt Lake	2,590,000	121,000	2,912,000
Total	$18,329,000	$10,954,000	$31,703,000

Source: Utah System of Higher Education Recommendations for Capital Facilities Appropriation 1973-74 (Adopted August 18, 1972).
Utah State Legislative Appropriation Act 1973.
Utah System of Higher Education Recommendations for Capital Facilities Appropriation 1974-75 (Adopted September 25, 1973).

[a] Includes $475,000 for a Salt Lake City fire station to be located on the University of Utah Campus.

[b] Includes $1,950,000 appropriated from excess 1972-73 funds.

[c] In addition an $8,000,000 planning and construction appropriation for the new Orem Campus was made.

TABLE 19

Utah System of Higher Education

Analysis of Academic Space at Member Institutions
Autumn 1972

	FTE Students	Net Assignable (Excluding Residential)		Classrooms, Reaching Laboratories, Study Areas		Office Facilities	
Institutions	1972-73	Square Feet	Per F.T.E.	Square Feet	Per F.T.E.	Square Feet	Per F.T.E.
U of U	19,531	2,996,550	153	862,372	44	650,310	33
USU	8,597	1,720,084	200	481,367	56	281,833	33
WSC	6,512	708,538	109	309,857	48	134,044	21
SUSC	1,717	293,306	171	111,976	65	40,301	23
Snow	657	137,320	209	68,177	104	13,533	21
Dixie	1,031	162,298	158	53,649	52	19,440	19
CEU	470	129,588	276	70,622	150	11,985	26
UTC-P	2,094	167,882	80	131,022	63	13,382	6
UTC-SL	2,862	299,107	105	222,636	78	25,952	9
USHE Total	43,471	6,614,231	152	2,311,678	53	1,190,780	27

TABLE 20

Utah System of Higher Education

Space Utilization and Projection of Optimum F.T.E. Enrollments By Institution Autumn Quarter Classrooms only, 1972-73

INSTITUTION	ROOMS		
	No.	Average Hourly Use Per Week 8 AM - 5 PM	
		Hours	Percent of Optimum Use b)
University of Utah	220	24.1	71
Utah State University	102	25.1	74
Weber State College	107	23.8	70
Southern Utah State College	32	25.4	75
Snow College	17	21.8	64
Dixie College	19	21.4	63
College of Eastern Utah	20	14.9	44
Utah Technical College-Provo	39	22.1	65
Utah Technical College-Salt Lake	61	19.7	58
Utah System of Higher Education	617	-	-

a) Source: Utah State Building Board Space Utilization Report, January 1973.

b) Optimum Use defined as 34 hours per week during the 45 hours, 8:00 a.m. - 5:00 p.m., Monday through Friday (75 percent use).

c) Optimum Utilization defined as 66 percent average student station utilization during each of the 34 hours average room use. (Hence, 66 percent of 75 percent is 50 percent student station utilization during the 45 hours, 8:00 a.m. - 5:00 p.m., Monday through Friday.)

d) Optimum F.T.E. Students = Actual F.T.E. Students X $\frac{\text{Optimum Percent Utilization of Student Stations 8:00 a.m. - 5:00 p.m. (50%)}}{\text{Actual Percent Utilization of Student Stations 8:00 a.m. - 5:00 p.m.}}$

STUDENT STATIONS		Actual F.T.E. Students 1972-73	To Provide Optimum Use Approximate F.T.E. Students d)	Percent Actual of Optimum F.T.E. Students
Optimum No. of Student Stations c)	Percent Utilization 8 AM - 5 PM c)			
13,632	33.2	19,531	29,400	66
6,111	34.2	8,597	12,600	68
5,057	28.8	6,512	11,300	58
1,244	34.9	1,717	2,500	70
572	20.5	657	1,100	61
949	24.7	1,031	2,100	49
1,162	10.8	470	2,200	22
1,148	32.0	2,094	3,300	64
1,988	30.3	2,862	4,700	60
31,863	-	43,471	69,200	63

A word of caution: Even though, for any given institution, the optimum F.T.E. student enrollment may exceed considerably the actual F.T.E. student enrollment, there may be specific problems relating to high utilization in particular areas, urgent need for specialized facilities or for the replacement of obsolete and functionally inadequate facilities which do not lend themselves to efficient utilization.

TABLE 21
Utah System of Higher Education

Space Utilization and Projections of Optimum F.T.E. Enrollments Summary, By Institutions 1968-69 Through 1972-73, Classrooms Only

	Number of Rooms	Percent Actual of Optimum Use of Rooms 8 AM - 5 PM	Number of Student Stations	Actual F.T.E. Students	Optimum F.T.E. Students	Percent Actual of Optimum F.T.E. Students
University of Utah						
1968-69	194	71	11,482	15,025	21,800	69
1969-70	197	70	11,707	16,056	23,600	68
1970-71	225	72	12,837	16,558	24,400	68
1971-72	228	69	14,032	17,207	26,000	66
1972-73	220	71	13,632	19,531	29,400	66
Utah State University						
1968-69	122	62	6,878	8,613	14,900	58
1969-70	105	83	6,271	8,321	11,900	70
1970-71	118	75	6,645	8,209	12,600	65
1971-72	106	79	6,375	8,045	12,000	68
1972-73	102	74	6,111	8,597	12,600	68
Weber State College						
1968-69	65	84	2,888	6,590	6,200	106
1969-70	78	76	4,022	6,825	8,100	84
1970-71	74	81	3,878	7,075	8,800	80
1971-72	75	80	4,001	6,479	8,500	76
1972-73	107	70	5,037	6,512	11,300	58
Southern Utah State College						
1968-69	28	70	1,176	1,705	2,500	68
1969-70	35	62	1,332	1,656	2,600	64
1970-71	35	68	1,315	1,858	2,400	76
1971-72	34	74	1,284	1,811	2,300	80
1972-73	32	75	1,244	1,717	2,500	70
Snow College						
1968-69	17	56	637	972	1,200	82
1969-70	19	60	682	792	1,200	64
1970-71	19	60	658	824	1,200	68
1971-72	18	63	606	785	1,100	69
1972-73	17	64	572	657	1,100	61

Dixie College						
1968-69	24	56	1,169	1,098	2,100	53
1969-70	19	58	937	1,122	1,800	62
1970-71	19	70	949	1,155	1,800	63
1971-72	19	72	949	1,082	1,900	57
1972-73	19	63	949	1,031	2,100	49
College of Eastern Utah						
1968-69	25	36	1,435	685	2,500	27
1969-70	24	40	1,400	667	2,700	25
1970-71	25	40	1,379	647	2,400	27
1971-72	24	36	1,344	541	2,900	23
1972-73	20	44	1,162	470	2,200	22
Utah Technical College - Provo						
1968-69	33	44	953	967	2,100	46
1969-70	34	42	985	921	2,000	46
1970-71	32	54	915	1,243	2,000	61
1971-72	26	64	840	1,515	2,400	64
1972-73	39	65	1,148	2,084	3,300	64
Utah Technical College-Salt Lake						
1968-69	49	54	1,281	1,590	2,500	63
1969-70	Data Not Available					
1970-71	42	50	1,063	1,733	2,900	59
1971-72	46	61	1,175	2,238	2,800	79
1972-73	61	58	1,988	2,862	4,700	60
Utah System of Higher Education						
1968-69	557	—	27,904	37,249	55,800	66
1969-70	Data Incomplete			36,360	53,900	
1970-71	589	—	30,702	39,302	58,500	66
1971-72	575	—	30,606	39,683	59,900	66
1972-73	617	—	31,863	43,471	69,200	63

1. Source: Utah State Building Board Space Utilization Report, January, 1972.
2. Source: Annual Enrollment Analysis.
3. Extended Day Enrollments.

TABLE 22

Utah System of Higher Education

Space Utilization and Projections of Optimum F.T.E. Enrollments by Institutions, Autumn Quarter, Teaching Laboratories Only

INSTITUTION	ROOMS		
	No.	Average Hourly Use Per Week 8 AM - 5 PM	
		Hours	Percent of Optimum Use b)
University of Utah	117	13.2	53
Utah State University	105	14.7	59
Weber State College	99	17.8	71
Southern Utah State College	31	18.6	74
Snow College	17	16.5	66
Dixie College	19	20.2	81
College of Eastern Utah	21	13.4	54
Utah Technical College – Provo	43	21.7	87
Utah Technical College – Salt Lake	61	20.4	82
Utah System of Higher Education	423	–	–

a) Source: Utah State Building Board Space Utilization Report, January 1973.

b) Optimum Use defined as 25 hours per week during the 45 hours, 8:00 a.m. - 5:00 p.m., Monday through Friday (55.6 percent use).

c) Optimum Utilization defined as 85 percent average student station utilization during each of the 25 hours average room use. (Hence, 85 percent of 55.6 percent is 47.3 percent student station utilization during the 45 hours, 8:00 a.m. - 5:00 p.m., Monday through Friday.)

d) $$\text{Optimum F.T.E. Students} = \text{Actual F.T.E. Students} \times \frac{\text{Optimum Percent Utilization of Student Stations 8:00 a.m. - 5:00 p.m. (47.3\%)}}{\text{Actual Percent Utilization of Student Stations 8:00 a.m. - 5:00 p.m.}}$$

STUDENT STATIONS		Actual F.T.E. Students 1972-73	Optimum F.T.E. Students d)	Percent Actual of Optimum F.T.E. Students
Optimum No. of Student Station	Percent Utilization 8 AM - 5 PM c)			
3,371	25.3	19,531	36,500	54
2,814	26.7	8,597	15,000	57
2,390	26.9	6,512	11,500	57
585	36.6	1,717	2,200	78
429	34.3	657	1,300	51
540	29.9	1,031	1,600	64
410	17.6	470	1,300	36
854	42.2	2,094	2,300	91
1,533	40.2	2,862	3,400	84
12,926		43,471	75,100	58

A word of caution: Even though, for any given institution, the optimum F.T.E. student enrollment may exceed considerably the actual F.T.E. student enrollment, there may be specific problems relating to high utilization in particular areas, urgent need for specialized facilities or for the replacement of obsolete and functionally inadequate facilities which do not lend themselves to efficient utilization.

TABLE 23

Utah System of Higher Education

Space Utilization and Projections of Optimum F.T.E. Enrollments Summary, by Institutions, 1968-69 Through 1972-73 Teaching Laboratories Only

	Number of Rooms	Percent Actual of Optimum Use of Rooms 8 AM – 5 PM	Number of Student Stations	Actual F.T.E. Students	Optimum F.T.E. Students	Percent Actual of Optimum F.T.E. Students
University of Utah						
1968-69	106	64	2,899	15,025	27,000	56
1969-70	104	59	2,895	16,056	30,000	53
1970-71	143	56	4,778	16,558	44,000	38
1971-72	126	58	3,612	17,207	31,000	55
1972-73	117	53	3,371	19,531	36,500	54
Utah State University						
1968-69	105	60	2,673	8,613	18,000	49
1969-70	85	56	2,093	8,321	15,000	57
1970-71	100	53	2,354	8,209	15,000	55
1971-72	108	60	2,770	8,045	14,000	56
1972-73	105	59	2,814	8,597	15,000	57
Weber State College						
1968-69	50	84	1,391	6,590	8,800	75
1969-70	75	66	1,867	6,825	12,000	58
1970-71	87	82	2,093	7,075	9,800	72
1971-72	82	74	2,087	6,479	9,600	67
1972-73	99	71	2,390	6,512	11,500	57
Southern Utah State College						
1968-69	33	63	684	1,709	3,000	57
1969-70	32	64	600	1,656	2,800	60
1970-71	31	61	593	1,858	2,900	63
1971-72	31	66	593	1,811	2,800	65
1972-73	31	74	585	1,717	2,200	78

Snow College						
1968-69	18	52	442	972	2,000	49
1969-70	17	58	421	792	2,000	39
1970-71	17	54	421	824	1,800	46
1971-72	19	56	509	785	2,300	34
1972-73	17	66	429	657	1,300	51
Dixie College						
1968-69	14	74	370	1,098	2,100	52
1969-70	21	60	611	1,122	2,600	44
1970-71	18	72	515	1,155	1,900	60
1971-72	19	73	540	1,062	2,100	50
1972-73	19	81	540	1,031	1,600	64
College of Eastern Utah						
1968-69	17	53	359	685	1,200	55
1969-70	19	53	394	667	1,300	52
1970-71	17	65	364	647	900	72
1971-72	19	58	392	541	900	58
1972-73	21	54	410	470	1,300	36
Utah Technical College-Provo						
1968-69	36	91	762	967	1,100	85
1969-70	35	80	762	921	1,400	68
1970-71	37	82	797	1,243	1,500	81
1971-72	44	87	914	1,515	1,600	98
1972-73	43	87	854	2,094	2,300	91
Utah Technical College-Salt Lake						
1968-69	49	88	1,164	1,590	1,900	85
1969-70	Data Not Available		–	–	–	–
1970-71	48	97	1,090	1,733	1,700	102
1971-72	42	113	942	2,238	1,600	129
1972-73	61	82	1,533	2,942	3,400	84
Utah System of Higher Education						
1968-69	428		11,908	37,249	66,100	58
1969-70	Data Incomplete		–	36,360	67,100	–
1970-71	498		13,005	39,302	70,500	60
1971-72	490		12,359	39,683	66,900	60
1972-73	423		12,926	43,471	75,100	58

Source: Utah State Building Board Space Utilization Reports 1968 through 1972.

VI. Institutional Profiles

UNIVERSITY OF UTAH (1850) Salt Lake City

President: David P. Gardner
Administrative Offices: John R. Park Building
Salt Lake City, Utah 84112

Chartered as University of Deseret by Provisional Government of State of Deseret, first instruction 1850. First baccalaureate 1884. Rechartered under the present name in 1892. The University of Utah offers graduate and undergraduate degree programs in a Graduate School (4,000 students)* and 14 separate professional colleges with a total of 17,595 undergraduate students. $35 million in 1971–72 in contract research grants (28th in the nation).

Defined Role

Utah's oldest, established in 1850, the University of Utah serves as a major state university, with graduate schools in Education and Social Work, colleges of Letters and Science, Business, Engineering, Fine Arts, Health, Physical Education and Recreation, Law, Medicine, the State College of Mines and Mineral Industries, Nursing, Pharmacy, the Graduate School, Summer School, and divisions of Continuing Education and International Education. The University is a primary center of university research and of graduate and professional education in the colleges and degree programs now authorized.

Calendar

Quarter system. Regular session late September to early June. Freshmen admitted September, January, March and June. Degrees conferred in June. Eight weeks summer quarter, late June to mid-August.

Admission

Freshmen applications may be submitted after the sixth semester of high school. ACT is required for all entering fershmen. Other applications must be submitted at least 30 days prior to registration date.

Fees

Resident: Full-time tuition $480 per academic year. Nonresident: $1,155 per academic year. For Colleges of Law and Medicine see current General Catalog. On-campus room and board range from approximately $964 for double room to $1,159 for single room, per nine-month school year.

Student Financial Aid

Some 3,800 scholarships and grants of various kinds are awarded to undergraduates. The University participates in National Defense

* Figures are generally head-count.

Student Loans, Educational Opportunity Grants and College Work Study programs. All applications must be received by February 1 to be considered for the following autumn quarter. Maximum freshman aid is $2,000, with the average being $490. A Parents Confidential Statement is required from parents of a student dependent.

Special Academic Programs

Early admission program for a selected number of high school juniors; honors program with interdepartmental courses for lower division students and seminars for upper division, senior thesis or project, summer language institutes; an overseas university center at Christian-Albrecht University, Kiel, Germany, with a six-week or semester course in German and other languages. Summer program for language majors is offered at Centre Universitairs D'Eté Des Pyrenes at De Paul, France.

Student Life

University residence halls house 1,317 single students; married student housing has 941 apartments (one to three bedrooms), and the Medical Towers have 151 apartments for interns and other medically related students. All housing areas have adequate parking facilities for the occupants. The fraternity and sorority system provides accommodations for members of their respective houses. Each house ranges in capacity from 20 – 25 spaces. There are 12 fraternities and 10 sororities presently active.

R.O.T.C.

Air Force optional for two years; Army, Navy, optional for two or four years.

Colleges Schools and Divisions

Business, Engineering, Fine Arts, Health, Humanities, Law, Medicine, Mines and Mineral Industries, Nursing, Pharmacy, Social and Behavioral Science; Graduate School; Division of Continuing Education, Summer School, Graduate School of Education, Graduate School of Social Work. Museums of Natural History, Fine Arts and Naval History.

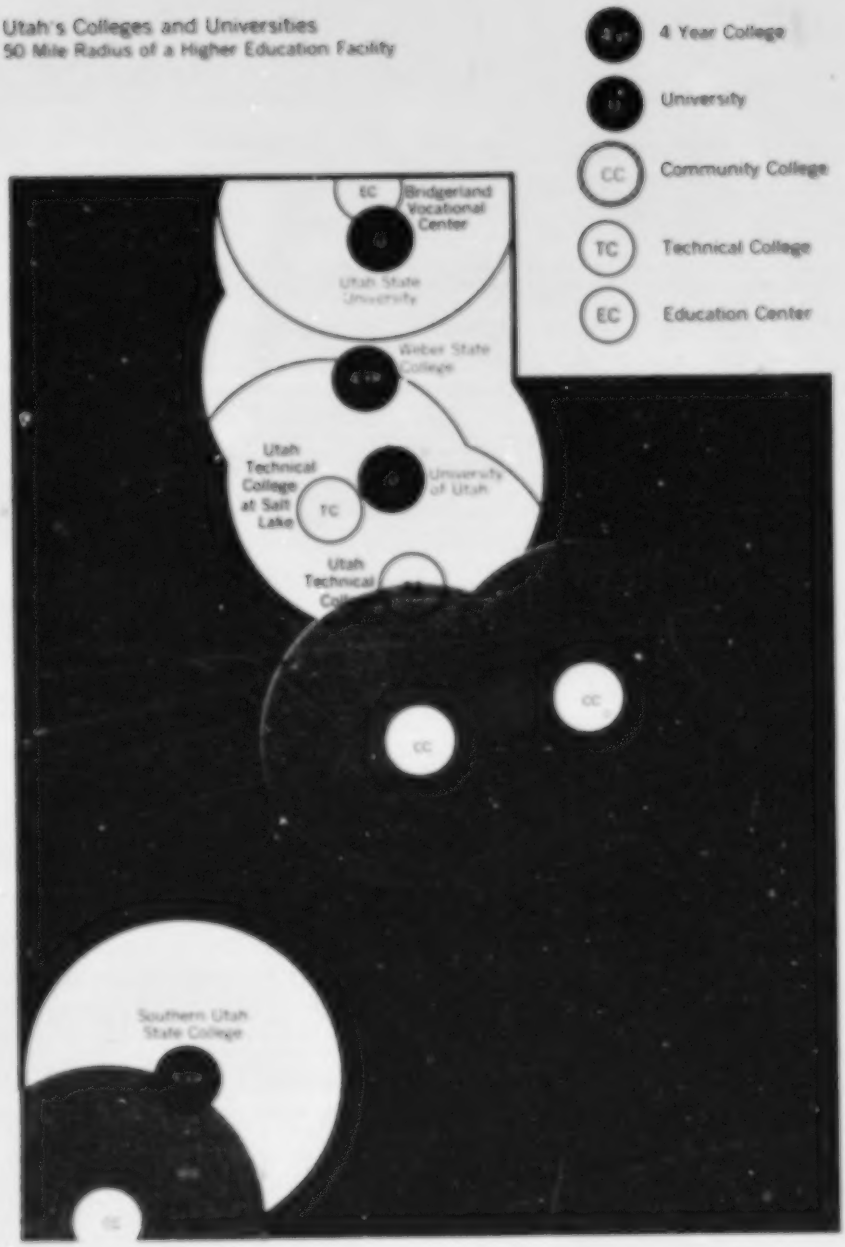
UTAH STATE UNIVERSITY (1888) Logan

President: Glen L. Taggart

Administrative Offices: Old Main, Logan, Utah 84322

Chartered as Agricultural College of Utah 1888; first instruction 1890; first baccalaureate 1894. Name changed to Utah State Agri-

Utah's Colleges and Universities
50 Mile Radius of a Higher Education Facility



cultural College in 1929, to present official name, Utah State University of Agriculture and Applied Science, 1957.

Defined Role

Utah State University is Utah's land-grant university under state legislation, Congressional enactments of 1862, 1867 and subsequent years. Renamed by state legislative enactment in 1957, Utah State University is one of two major universities serving the State System of Higher Education. It includes a Division of Extension and Continuing Education and the Utah Agricultural Experiment Station under supporting federal legislation, colleges of Agriculture, Business, Education, Engineering, Family Life, Humanities-Arts-Social Sciences, Natural Resources, and Science, a School of Graduate Studies, a Summer School, a Division of International Studies and Programs. Programs of undergraduate, master's and doctoral instruction and research in these colleges as authorized receive emphasis, together with programs related to agriculture, land, water, forestry, food sciences, the development and maintenance of natural resources. Utah State University is a primary center of university research, of graduate and professional education, in the fields authorized and assigned to it.

Calendar

Quarter system. Regular session late September to early June. Freshmen admitted beginning each quarter. Degrees conferred in June. Summer session: two 5-week terms, mid-June to mid-August.

Admission

Applications should be submitted at least 6 weeks before registration.

Fees

Resident: Full-time tuition and fees $151 per quarter. Nonresident: Full-time tuition and fees $321 per quarter. On-campus room and board $855 per school year. Books and supplies about $150. Married housing available.

Student Financial Aid

Varied scholarships along with the National Defense Student Loan, Educational Opportunity Grant and Student Work Study programs are offered. Maximum freshman aid is $2,000. Deadline for scholarship applications, April 15 and all other aid, July 1. The Parents Confidential Statement form is required.

Special Academic Programs

International programs include annual convocation and visiting scholar lecture series, Center for Study and Causes of War and Conditions of Peace. An East-West Institute sponsors lecture series. An Irrigation Short Course brings international students to campus

annually for special training in water management. Several thousand others come to the campus each year for specialized workshops and seminars.

Degree Requirements For all bachelor's degrees, minimum 186 quarter units; 55 units approved general education courses including 9 units of communication skills classes with option to propose one's own unique program with no specific course restrictions; 60 upper division units; 30–50 units in major, 18 in minor; 2.0 average on 4.0 scale; minimum residence 45 units including 15 of last 60. (See catalog for specific degree requirements.)

Student Life Residence halls house 24% of undergraduate men and 41% of undergraduate women. Apartments for married students. Some 10% of both men and women join 7 fraternities and 4 sororities; 37% of fraternity members and 42% of sorority members live in organizational housing. Cars permitted. University sponsors lyceum and concert series, drama, and music programs. Logan (population 22,000) is 81 miles north of Salt Lake City.

R.O.T.C. Army, Air Force; optional 2 or 4 years.

WEBER STATE COLLEGE (1889) Ogden

President: Joseph L. Bishop

Administrative Offices: Ogden, Utah 84403

Established as Weber Stake Academy by the Church of Jesus Christ of Latter-day Saints 1889, first instruction at college level 1916; became junior college 1923, state institution 1933; 4 year college 1963; first baccalaureate 1964. Name changed to Weber Academy 1908, Weber Normal College 1918; Weber College 1923, present name 1963.

Defined Role Weber State College serves the System as a large four-year college near the center of state population. It offers undergraduate liberal education in the arts and sciences, authorized professional work in education and business, a Division of Continuing Education, Allied Health Sciences, and a School of Technology for trade-technical education. The latter provides varieties of technical and paraprofessional programs and work leading to baccalaureate degrees. Weber State College serves as a valuable source of professional and of grad-

uate students for transfer to the System's universities in Logan and Salt Lake City. Weber State College is also a significant receiving institution, having the capacity to accept undergraduate transfer students from the System's two Technical Colleges located nearby on the Wasatch Front, as well as from the junior colleges.

Calendar Quarter system. Regular session late September to early June. Freshmen admitted beginning each quarter. Degrees conferred in June. Summer quarter of 8 weeks, mid-June to mid-August.

Admission Applications should be submitted after 7th high school semester, at least 30 days before registration.

Fees Resident: Full-time tuition and fees $144 per quarter. Nonresident: $279 per quarter.

Student Financial Aid A variety of scholarships, National Defense Student Loan, Educational Opportunity Grant and Student Work Study programs are offered with about 15% of freshmen and 18% of all students receiving aid. Maximum freshman aid is $2,000. Deadline for scholarship application is February 1. Deadline for other financial aid application is August 1. The Parents Confidential Statement is required.

Collections College collections include vertebrate animals from intermountain region, preserved amphibians and reptiles, study skins of birds and mammals, and synoptic survey of insects. College herbarium houses plants of Weber County, flora of Utah and adjacent states, some 500 sheets of South Pacific plants and plants from eastern U. S.; geological collections of minerals, ores, rocks and fossils of over 150 species. A special collection in the college library houses the Howell rare books collection, Morrell porcelain collection and the Becraft Far Eastern collection.

Degree Requirements For all degrees: 183 quarter units; 40 units general education; 60 upper division units; 40-60 units in major, 20 in minor; 2.0 average on 4.0 scale minimum residence; residence 45 units including 1 quarter of senior year. For teacher education: 2.25 average.

Student Life College residence halls house 3% of undergraduate men and 4% of undergraduate women. Single freshmen men and single freshmen and sophomore women under 21 must live on campus or with their families. Apartments available for married students. Some 8% of

men and 9% of women join 7 fraternities and 5 sororities. Cars permitted. College sponsors artist-lecture series, art shows drama, operas and music programs. Ogden (pop. 90,000) is 35 miles north of Salt Lake City.

R.O.T.C. Army, optional for 2 or 4 years.

SOUTHERN UTAH STATE COLLEGE (1897) Cedar City

President: Royden C. Braithwaite
Administrative Offices: Cedar City, Utah 84720

Established as Branch Normal School of University of Utah and first instruction 1897; transferred to Utah State Agricultural College and name changed to Branch Agricultural College of Utah 1913; first baccalaureate awarded 1950; name changed to College of Southern Utah 1953; became independent institution 1965; present name adopted 1969.

Defined Role Southern Utah State College provides an educational opportunity within the Utah System of Higher Education for those whose needs are best served in a small- to medium-size four-year college with its residential life and sense of community. The College is authorized to offer courses leading to the baccalaureate degree in the arts and sciences, in teacher education, business and technology. The College offers approved pre-professional programs, certified programs in vocational and technical subjects, and agricultural subjects approved by the Board. Opportunities exist in continuing education, also in community service and development commensurate with its approved curriculum and resources.

Calendar Quarter system. Regular session late September to early June. Freshmen admitted September, January, March. Degrees conferred in June. Summer session: two 4 week terms, early June to early August.

Admission $10 application fee. Applications should be submitted at least 6 weeks before registration.

Fees Resident: Full-time tuition and fees, $128 per quarter. Nonresident: $263 per quarter. On-campus room and board per year $762 ($25 application).

Student Financial Aid

All scholarship applications must be received prior to February 1 to be considered for awards the next autumn. The college participates in the National Defense Loans, Educational Opportunity Grant and the College Work Study programs. Applications for these programs should be submitted by July 1. 35% of freshmen and 46% of all undergraduates received some aid in 1969–70. Maximum freshman aid is $1,650, an average of $650. The Parents Confidential Statement form is required.

Degree Requirements

For degrees: 183 quarter units; 56 units general education; 40-65 units in major, 20-30 in minor. See catalog for other details.

Student Life

34% of students live in residence halls. There are campus apartments for married couples. About 8% of men join 3 fraternities housing 75% of members. Cars permitted. College sponsors Annual Utah Shakespearean Festival. Drama club and art shows are jointly sponsored by community and school. Cedar City (pop. 9,000) sponsors programs by Ballet West and Utah Symphony. College is 265 miles south of Salt Lake City.

SNOW COLLEGE (1888) Ephraim

President: Floyd S. Holm

Administrative Offices: Ephraim, Utah 84627

Established as Sanpete Stake Academy by the Church of Jesus Christ of Latter-day Saints. Name changed to Snow Academy 1900. Junior college instruction first offered 1923. In 1933, came under control of State Department of Public Instruction. Became branch of Utah State University of Agriculture and Applied Science, 1951. Became part of Utah State System of Higher Education under control of Utah State Board of Higher Education, 1969.

Defined Role

Snow College affords opportunities for students at a two-year, combined residential and day-student college. With Dixie College and the College of Eastern Utah, the system's two-year colleges are designed to provide pre-matriculation, general, vocational, as well as transfer options. Snow provides unusual opportunities for students who are especially interested in residential experience in a two-year college. The system's two-year colleges are intended to serve as viable, productive, two-year colleges, providing general educational, voca-

tional opportunities and transfer options to the four-year colleges and universities.

Calendar Quarter system. Regular session late September to early June. Freshmen may enter any quarter. Associate degrees conferrd in June.

Admission Open door. No application fee required. Applications received up to the day of registration. American College Test and physical examination required.

Fees Resident: Full-time tuition and fees $116 per quarter. Non-resident: Full-time tuition and fees $236 per quarter. Minimum on-campus room and board $211 per quarter. On-campus housing only $72–$90 per quarter. Married student housing available.

Student Financial Aid The following types of financial aid are available: Scholarships: (deadline February 1st), Basic Educational Opportunity Grant: (BEOG), National Defense Student Loan (NDSL), College Work Study Program (CWSP), Supplemental Educational Opportunity Grant (SEOG).

All programs except Scholarships and the BEOG require the Parents' Confidential Statement (PCS) to be processed. The state Scholarship and financial aid application must be completed for all programs. Suggested financial aid application deadline is February 1. All applications received after this date are considered on a first come, first serve basis.

58% of the students received some form of aid in 1972–73. Average aid $450. Maximum $1,600.

Degree Requirements 96 quarter hours, 1.7 average on 4.0 scale required. Prescribed courses: Associate in Science - biological sciences, English, humanities, physical education, physical sciences, social sciences; for Associate in Applied Science - strong concentrations in specific vocational-technical areas with modifications of the "general education" requirements of the above listed degrees. The Certificate of Completion in technical areas also available and may be awarded at any time in academic year that prescribed course is completed.

Divisions Natural Sciences; Social Sciences; Humanities and Arts; Industrial and Occupational Education.

Student Life On-campus housing available. Yearbook, bi-weekly newspaper, annual literary magazine. Major student activities and organizations: Associated Students, Associated Men Students, Associated Women Students, class organizations. Social and special interest clubs. All major sports. Automobiles permitted.

DIXIE COLLEGE (1911) St. George

President: Ferron C. Losee

Administrative Offices: St. George, Utah 84700

Established 1911 as a 4-year high school by the Church of Jesus Christ of Latter-day Saints; junior college instruction added in 1916. The state assumed control in 1933. In 1963 the college separated from the high school and moved to its present campus.

Defined Role Dixie College subscribes to the two-year comprehensive community college concept including terminal-occupational programs below the bachelor level, academic-transfer programs to prepare the student for work at the bachelor level, and continuing education programs geared to meet the needs of part-time students and those seeking to retrain or add to their educational skills.

Calendar Quarter system. Regular session late September to early June. Freshmen register September, January, and March. Degrees conferred in June. Summer session.

Admission Open door admission policy. No application fee required. Applications accepted up to the day of registration.

Fees Resident: Full-time tuition and fees $365 per school year. Non-Resident: Full-time tuition and fees $725 per school year. On campus room and board $780. Married student housing available.

Student Financial Aid Scholarship deadline is March 1. Students should have a 3.5 grade point average to apply for available academic scholarships. Some departmental scholarships available in Music, Art, Drama, Speech, Journalism and other programs. National Defense Student Loans, Educational Opportunity Grants, and Work-Study Programs, require the Parents Confidential Statement.

Degree Requirements

96 quarter hours, 2.0 average on 4.0 scale is required. To qualify for graduation, the student must successfully complete at least 9 hours of credit in each of the following divisions: Life, Physical and Social Sciences, and Humanities, as well as complete the Freshman English, Physical and Health Education requirements. Students may earn up to 48 hours of CLEP credits, may obtain credit or class waivers through advanced placement programs, may obtain credit by examination, or otherwise challenge any course in the curriculum.

Divisions

Art, Biological Sciences, Home Economics, Humanities, Music, Physical Education and Recreation; Physical Sciences and Mathematics, Social Sciences and Education; Speech and Theatre Arts, Auto Trades, Aviation Occupations, Business, Industrial Arts, Engineering Technology and Graphic Arts.

Student Life

Students not living with parents or guardians must live on campus or in college approved housing. Campus located 315 miles south of Salt Lake City in a city of approximately 11,000. Yearbook, weekly newspaper, literary magazine. Major student activities and organizations: National, State, and local fraternities and clubs on campus. Major sports: football, basketball, baseball, tennis, rodeo, track. Automobiles allowed on campus.

COLLEGE OF EASTERN UTAH (1937) Price

President: Dean M. McDonald

Administrative Offices: Price, Utah 84501

Established by the legislature in 1937 as Carbon College, a 4-year junior college-high school controlled by the state board of education and Carbon County School District cooperating. Abolished by an act of the Legislature in 1953 but saved by referendum. Became a branch of the University of Utah in 1969, dropping high school program. Name changed from Carbon College to the present in 1965.

Defined Role

The College of Eastern Utah provides educational opportunity of general and flexible nature, with pre-matriculation, vocational, transfer, and general completion opportunities. Situated in a city affording special cultural advantages, populated with people of high

ethical and educational standards, CEU affords outstanding opportunities as a well-integrated, two-year college.

Calendar Quarter system. Regular session late September to early June. Freshmen may enter September, January, and March. Degrees conferred in June. Summer session: eight-week session, mid-June to mid-August.

Admission Open door admission policy. No application fee required. Applications received up to the day of registration.

Fees Resident: Full-time tuition and fees $327 per school year. Non-resident: Full-time tuition and fees $687 per school year. On campus room and board $787 per school year. Married housing available.

Student Financial Aid Scholarships along with National Defense Student Loan, Educational Opportunity Grant and Student Work Study Programs are offered. Maximum freshmen aid is $1,530 with the average being $550. Deadline for scholarship application is March 1, for all other aid is April 1. Late date for financial aid applications is August 1. The Parents Confidential Statement is required for all student aid.

Degree Requirements For an associate degree, 93 quarter hours, 2.0 average required. Prescribed courses: Life science 9 hours, English 6, humanities 9, physical education 3, physical science 9, speech 3, social science 9.

Divisions Business, Education and Social Sciences, Humanities, Natural Science, Trade and Technical.

Student Life Some on-campus housing available. Campus is located in Price, a city of approximately 7,000, 120 miles from Salt Lake City. Yearbook, biweekly newspaper, annual literary magazine. Major student activities and organizations: student government service and religious groups, speech and dramatics, fraternities, music. Major sports: basketball, baseball, track, wrestling. Automobiles allowed on campus.

UTAH TECHNICAL COLLEGE AT PROVO (1941) Provo

President: Wilson W. Sorensen

Administrative Offices: 1395 North 150 East, Provo, Utah 84601

Four school districts in the Utah County area worked together to establish the institution as Central Utah Vocational School in 1941.

Made a state institution in 1947. Authorization 1967 to award the Associate in Applied Science Degree. Full accreditation by the Northwest Association of Secondary and Higher Schools in 1969.

Defined Role Utah Technical College at Provo emphasizes vocational, technical, and paraprofessional subjects. These are combined with authorized programs in general education, including the two-year Associate Applied Science degree. With short-courses, evening courses — credit and non-credit — the Utah Technical College at Provo provides significant educational training and employment opportunities. Transfer possibilities, especially to Weber State College with its four-year School of Technology, are open to graduates of the Technical Colleges. Through individual advisement, transfer possibilities elsewhere in the System may be arranged. The Technical College offers the vital technical training required for the conditions of modern life, combined with essential liberal and general education. Under the Higher Education Act of 1969, these institutions have taken their place as significant elements of the Utah System of Higher Education.

Calendar Quarter system. Regular session early September to late May. Freshmen may enter in September. Degrees conferred in May and August.

Admission Open door admission policy. Application fee of $7 required.

Fees Resident: Full-time tuition and fees $309 per school year. Non-resident: Full-time tuition and fees $936 per school year. No campus housing available (Community housing available.)

Student Financial Aid Scholarship deadline is February 1. Scholarships and tuition waivers available. National Defense Student Loans, Economic Opportunity Grants, and Work-Study Programs require the Parents Confidential Statement.

Degree Requirements 96 quarter hours, 2.0 average on 4.0 scale required. Prescribed courses: at least 24 hours selected from each of the following divisions: Humanities, Social Science, Biological and Physical Sciences, and Electives. Certificates of completion available.

Divisions Accounting, Auto Body, Auto Mechanics, Building Construction, Business, Continuing Education, Office Education, Dental Assisting, Diesel Mechanics, Drafting and Design Technology, Electrical and

Automation Technology, Electronics, Electro-Mechanical Technology, General Education, Instrument Repair, Machine Shop, Marketing Management, Practical Nursing, Professional Driving, Refrigeration and Air Conditioning, and Welding.

Student Life

College has a monthly newspaper. Activities include clubs, Associated Students, Associated Men Students, Associated Women Students and Class Organizations, Intercollegiate and Intramural Sports and Physical Education programs. Major sports: baseball and basketball. Automobiles are allowed on campus. LDS Institute of Religion and other religious facilities convenient to campus.

UTAH TECHNICAL COLLEGE AT SALT LAKE (1947)

President: Jay L. Nelson

Administrative Offices: 4600 South Redwood Road
Salt Lake City, Utah 84107

Established in 1947 by the Utah Legislature as Salt Lake Area Vocational School. Name changed to Salt Lake Trade Technical Institute in 1959. The present name originated in 1967.

Defined Role

The two Utah technical colleges emphasize vocational, technical, and paraprofessional subjects. These are combined with authorized programs in general education, including the two-year Associate of Applied Science degree. With short-courses, evening courses — credit and non-credit — the Utah Technical Colleges provide significant educational training and employment opportunities. Transfer possibilities, especially to Weber State College with its four-year School of Technology, are open to graduates of the Technical Colleges. Through individual advisement, transfer possibilities elsewhere in the System may be arranged. The Technical Colleges offer the vital technical training required for the conditions of modern life, combined with essential liberal and general education. Under the Higher Education Act of 1969, these institutions have taken their place as significant elements of the Utah System of Higher Education.

Calendar

Quarter system. Regular session, late September to early June. Freshmen may enter most courses any quarter. Summer session is held from mid-June to late-August. Degrees conferred in June and August.

Admission Open door policy. $5 application fee required. Applications should be received 30 days prior to enrollment.

Fees Resident: Full-time tuition and fees $309 per school year. Non-Resident: Full-time tuition and fees $909 per school year. No campus housing available.

Student Financial Aid Scholarships, along with National Direct Student Loan, Educational Opportunity Grant and College Work Study Programs are offered. Maximum freshman aid is $2,000. Deadline for scholarship applications is March 1. Confidential Statement is required for all student federal aid.

Veterans Benefits Approved by Veterans Administration for veterans, surviving children and widows, including work-study program.

Divisions Automotive, Metals, Business, Graphics, Health Occupations, Electronics, Related Instruction.

Degree Requirements Associate of Applied Science: 96 quarter hours, 1.9 average required. Prescribed courses: Social science 6 hours, physical science 6 hours, humanities 6 hours, plus composite of above 6 hours. Certificate of Completion available.

Student Life Periodic newspaper. Major student activities and organizations: Associated Students, class organizations, variety of service and special organizations. Intramural sports only. Automobiles allowed on campus.